

**Capital Improvements
Joint Bond Review Committee**

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ADMINISTRATIVE ASSISTANT
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JOINT BOND REVIEW COMMITTEE MEETING

DATE: Tuesday, December 5, 2017
TIME: 10:30 a.m.
LOCATION: Room 105, Gressette Building

AGENDA

	<u>PAGE</u>
1. Medical University of South Carolina Proposed Leases.....	1
2. Clemson University, Outdoor Fitness and Wellness Center Construction.....	8
3. Department of Commerce, Division of Public Railways, Camp Hall Right-of-Way Acquisitions.....	27
4. Additional Permanent Improvement Project Requests	66
5. Department of Administration, 2017 Comprehensive Permanent Improvement Plan.....	93
6. Meeting Schedule	94

JOINT BOND REVIEW COMMITTEE

Meeting of December 5, 2017

Item Number 1

AGENCY: Department of Administration, Facilities Management and Property Services

PROJECT/SUBJECT: Medical University of South Carolina Proposed Leases, 19 Hagood Avenue, Charleston

The Medical University of South Carolina is requesting approval to lease parking spaces from the new owner of the Harborview Office Tower located at 19 Hagood Avenue in Charleston.

In March, 2017, the State Fiscal Accountability Authority approved the disposition of 3.27 acres including a 10-story office building, 641-space parking garage, and surrounding parking lots by MUSC. Currently, the property is under contract for sale at not less than appraised value and is expected to close on or before February 28, 2018. As part of the contract for sale, MUSC will lease back the office building at a rate of \$1 for up to one year while MUSC staff is relocated.

During relocation of staff, MUSC will need to retain 730 parking spaces in the garage and surrounding lots for up to one year beginning on the closing of the sale. In addition, MUSC will need 400 parking spaces in the same general area for other staff and visitors for up to ten years beginning in approximately December 2018.

Therefore, MUSC is requesting approval of two lease agreements:

(a) One-Year Lease for Parking Spaces:

A solicitation was conducted for 730 parking spaces in close proximity to MUSC or within the MUSC Transit System, and two proposals were received; the selected location at 19 Hagood Avenue was the lowest bid.

The term of the proposed lease will be for one year at a monthly rate of \$68.49 per space, for a total of \$600,000. MUSC will be responsible for all operating and maintenance costs of the facility; when combined with the lease rate, the monthly cost is estimated to total \$125 per space.

(b) Ten-Year Lease for Parking Spaces:

A solicitation was conducted for 400 parking spaces in close proximity to MUSC or within the MUSC Transit System, and two proposals were received. One proposal was eliminated due to the location, leaving the selected location at 19 Hagood Avenue.

The term of the proposed lease will be for ten years following MUSC staff relocation from the Harborview Office tower which is anticipated to be in December, 2018. The monthly rate for the first year will be \$125 per space; thereafter, the rate will increase by three percent or the CPI, whichever is less. MUSC will not be responsible for any

maintenance or operating costs. The maximum payout over the 10-year term will be \$6,787,352.

The Department of Administration's Facilities Management and Property Services reports comparable monthly rates for parking near the MUSC campus to be \$150 to \$225 per space.

Lease payments will be paid from MUSC parking revenues.

The proposed leases were approved by the MUSC Board of Trustees on August 11, 2017, and by the Commission on Higher Education on November 2, 2017.

COMMITTEE ACTION:

Review and make recommendation regarding the proposed lease agreements for the Medical University of South Carolina.

ATTACHMENTS:

- 1) Department of Administration, Facilities Management and Property Services Summary dated December 5, 2017
- 2) Letter from MUSC, dated October 31, 2017
- 3) Sections 1-11-55 and 1-11-56 of the South Carolina Code of Laws

JOINT BOND REVIEW COMMITTEE AGENDA ITEM WORKSHEET

Meeting Scheduled for: December 5, 2017

Regular Agenda

1. Submitted by:

- (a) Agency: Department of Administration
- (b) Authorized Official Signature:



Ashlie Lancaster, Director
Facilities Management and Property Services

2. Subject: MUSC Leases- 19 Hagood Avenue in Charleston

3. Summary Background Information:

On March 9, 2017, the State Fiscal Accountability Authority (SFAA) approved the disposition of 3.27 ± acres and a 180,449 square foot 10-story office building with a 641 space structured parking garage and surrounding parking lots consisting of approximately 88 spaces located at 19 Hagood Avenue (commonly known as the Harborview Office Tower property) by the Medical University of South Carolina ("MUSC"). The property was subsequently marketed through CBRE as the broker for the SC Department of Administration and is now under contract for sale at not less than appraised value. As part of the contract for sale, MUSC will lease back the office building at a rate of \$1/year for up to one year while MUSC staff is relocated.

During the relocation of staff, MUSC will have a need to retain certain rights to parking in the parking garage and surrounding parking lots. MUSC will need a total of 730 parking spaces for up to one year beginning upon the closing of the sale, which is anticipated to be on or before February 28, 2018. Following the relocation of staff, MUSC will still have a need for 400 parking spaces in the same general area for other staff and visitors currently parking at the Harborview Office Tower property for a period of up to ten (10) years beginning in approximately December of 2018.

The details of each transaction are as follows.

(a) One Year Parking Lease:

A solicitation was conducted for 730 parking spaces in close proximity to MUSC or within the MUSC Transit System and two (2) proposals were received. The selected location at 19 Hagood Avenue was the lowest bid. The lease term will be for one year at a rate of \$68.49/space for a total of \$600,000. During this time, MUSC will continue to maintain the parking facilities under lease, which costs when combined with the lease rate, are estimated to total \$125/space/month.

(b) Ten Year Parking Lease:

A solicitation was conducted for 400 parking spaces in close proximity to MUSC or within the MUSC Transit System and two (2) proposals were received. One proposal was eliminated due to location, leaving the selected location at 19 Hagood Avenue. The lease term will be for ten (10) years following the move of MUSC staff from the Harborview Office Tower which is anticipated to be in December of 2018. The rate for the first year of the term will be \$125/space/month. Thereafter, the rate will increase by the lesser of the annual CPI increase or three (3) percent.

MUSC will not be responsible for any maintenance or operations costs. As such, the maximum amount MUSC could pay over the term is \$6,787,352 as shown in the chart below:

Year	Maximum Rate/Space	Total Maximum Annual Payment
1	\$125.00	\$600,000
2	\$128.75	\$618,000
3	\$132.61	\$636,528
4	\$136.59	\$655,632
5	\$140.69	\$675,312
6	\$144.91	\$695,568
7	\$149.26	\$716,448
8	\$153.73	\$737,904
9	\$158.35	\$760,080
10	\$163.10	\$782,880

The following charts represent comparable lease rates of similar space near the MUSC Campus:

Location	Rate/Space/Month
194 East Bay Street	\$225.00
159 Rutledge Avenue	\$165.00
69 Wentworth Street	\$175.00
62 Gadsden Street	\$150.00

Lease payments will be funded from parking revenues. MUSC has indicated that no student fee increase will be associated with the leases, and there are adequate funds for the leases according to Budget Approval Forms submitted by MUSC.

The leases were approved by the MUSC Board of Trustees on August 11, 2017 and by the Commission on Higher Education on November 2, 2017.

4. **What is JBRC asked to do?** Approve the proposed leases for the Medical University of South Carolina at 19 Hagood Avenue in Charleston.

5. **What is recommendation of the Department of Administration?** Approve the proposed leases for the Medical University of South Carolina at 19 Hagood Avenue in Charleston.

6. **List of Supporting Documents:**

- SC Code of Laws Section 1-11-55 and 1-11-56
- MUSC Letter Dated October 31, 2017



Office of Space Management Support
28 Ehrhardt Street, MSC 205
Charleston, SC 29425
843-792-5996

October 31, 2017

Ashlie Lancaster
Innovations Director
Office of Executive Director
Department of Administration
1200 Senate Street, Suite 460
Columbia, SC 29201

RE: Request for Leased Space Harborview Office Tower Parking

Dear Ms. Lancaster

The Medical University of South Carolina (MUSC) will sell its Harborview Office Tower Building (HOT) located at 19 Hagood Avenue in Charleston, South Carolina and lease back the building for up to one year at an annual rate of \$1.00. MUSC requests to lease approximately 730 parking spaces beginning on or before February 28, 2018 in the HOT Parking Garage and surrounding lot(s). Parking is needed to accommodate MUSC employees and students upon the HOT date of closing. MUSC will continue to maintain the parking garage and surrounding parking lot(s) for the one (1) year term through our Parking Management Department.

There are 515 MUSC employees and students that park within the HOT Parking Garage and surrounding whose offices are not currently housed at HOT and will continue to need long term parking spaces. At move out of HOT the Medical University of South Carolina requests to lease approximately 400 parking spaces for up to ten (10) years in order to meet the high parking demand

MUSC request to take these items before the November 2017 Commission on Higher Education Meeting for full approval.

One (1) Year Lease Term

Number of Spaces	730
Cost per Space	\$125.00 Triple Net
Annual Rent	\$600,000.00
Annual Rent Increase	None

Estimated Start Date	February 2018
Lease Term	1 Year
Extended Term	None
Total Amount of Term	\$600,000.00

Ten (10) Year Lease Term

Number of Spaces	400
Cost per Space	\$125.00 Full Service
Annual Rent	\$600,000.00
Annual Rent Increase	Annual CPI not to exceed 3% max \$175.00 per space over 10 yr term

Estimated Start Date	December 2018
Lease Term	10 Years
Extended Term	None
Total Amount of Term	\$6,787,352.00

Please let me know if you have any questions

Sincerely,

Rachel Jones
Medical University of South Carolina
Leasing Manager

SECTION 1-11-55. Leasing of real property for governmental bodies.

(1) "Governmental body" means a state government department, commission, council, board, bureau, committee, institution, college, university, technical school, agency, government corporation, or other establishment or official of the executive branch of this State. Governmental body excludes the General Assembly, Legislative Council, the Legislative Services Agency, the judicial department and all local political subdivisions such as counties, municipalities, school districts, or public service or special purpose districts.

(2) The Division of General Services of the Department of Administration is hereby designated as the single central broker for the leasing of real property for governmental bodies. No governmental body shall enter into any lease agreement or renew any existing lease except in accordance with the provisions of this section. However, a technical college, with the approval by the State Board for Technical and Comprehensive Education, and a public institution of higher learning, may enter into any lease agreement or renew any lease agreement up to one hundred thousand dollars annually for each property or facility.

(3) When any governmental body needs to acquire real property for its operations or any part thereof and state-owned property is not available, it shall notify the Division of General Services of its requirement on rental request forms prepared by the division. Such forms shall indicate the amount and location of space desired, the purpose for which it shall be used, the proposed date of occupancy and such other information as General Services may require. Upon receipt of any such request, General Services shall conduct an investigation of available rental space which would adequately meet the governmental body's requirements, including specific locations which may be suggested and preferred by the governmental body concerned. When suitable space has been located which the governmental body and the division agree meets necessary requirements and standards for state leasing as prescribed in procedures of the department as provided for in subsection (5) of this section, General Services shall give its written approval to the governmental body to enter into a lease agreement. All proposed lease renewals shall be submitted to General Services by the time specified by General Services.

(4) The department shall adopt procedures to be used for governmental bodies to apply for rental space, for acquiring leased space, and for leasing state-owned space to nonstate lessees.

(5) Any participant in a property transaction proposed to be entered who maintains that a procedure provided for in this section has not been properly followed, may request review of the transaction by the Director of the Division of General Services of the Department of Administration or his designee.

SECTION 1-11-56. Program to manage leasing; procedures.

(A) The Division of General Services of the Department of Administration, in an effort to ensure that funds authorized and appropriated for rent are used in the most efficient manner, is directed to develop a program to manage the leasing of all public and private space of a governmental body. The department must submit regulations for the implementation of this section to the General Assembly as provided in the Administrative Procedures Act, Chapter 23, Title 1. The department's regulations, upon General Assembly approval, shall include procedures for:

(1) assessing and evaluating agency needs, including the authority to require agency justification for any request to lease public or private space;

(2) establishing standards for the quality and quantity of space to be leased by a requesting agency;

(3) devising and requiring the use of a standard lease form (approved by the Attorney General) with provisions which assert and protect the state's prerogatives including, but not limited to, a right of cancellation in the event of:

(a) a nonappropriation for the renting agency;

(b) a dissolution of the agency; and

(c) the availability of public space in substitution for private space being leased by the agency;

(4) rejecting an agency's request for additional space or space at a specific location, or both;

(5) directing agencies to be located in public space, when available, before private space can be leased;

(6) requiring the agency to submit a multiyear financial plan for review by the department with copies sent to Ways and Means Committee and Senate Finance Committee, before any new lease for space is entered into; and

(7) requiring prior review by the Joint Bond Review Committee and the requirement of State Fiscal Accountability Authority approval before the adoption of any new or renewal lease that commits more than two hundred thousand dollars annually in rental or lease payments or more than one million dollars in such payments in a five-year period.

(B) Leases or rental agreements involving amounts below the thresholds provided in subsection (A)(7) may be executed by the Department of Administration without this prior review by the Joint Bond Review Committee and approval by the State Fiscal Accountability Authority.

(C) The threshold requirements requiring review by the Joint Bond Review Committee and approval by the State Fiscal Accountability Authority as contained in subsection (A)(7) also apply to leases or rental agreements with nonstate entities whether or not the state or its agencies or departments is the lessee or lessor.

JOINT BOND REVIEW COMMITTEE

Item Number 2

Meeting of December 5, 2017

AGENCY: Department of Administration, Executive Budget Office

PROJECT/SUBJECT: Clemson University, Outdoor Fitness and Wellness Center Construction

Clemson University is requesting approval for Phase II--full design and construction--of an outdoor fitness and wellness center on a 32-acre site on Lake Hartwell to address academic and recreational needs of Clemson students. The project will be partially funded with State Institution Bonds.

Permanent Improvement Project

The project was established for Phase I in December 2016. It will consist of a 16,000-square-foot building to accommodate academic programming, three soccer-field sized artificial turf fields, and an access road. The building will include 6,400 square feet of classroom space, offices for the Parks, Recreation & Tourism Management programs and Student Affairs, public restrooms, shower, and concession facilities.

The new building will replace a 60-year-old hog barn that is currently being used for classes. The fields currently being used are significant safety hazards for students due to the weekend use for football parking and damage from inclement weather.

The facility will serve more than 4,900 students in 6,700 course enrollments per year.

The new facility will be constructed to meet Green Globe 3 Certification standards with projected operating savings of \$373,760 over a 30-year period. Operating costs are estimated to be \$210,000 to \$222,789 per year and will be paid from existing operating funds.

This request will add \$12,187,500 to the project, bringing the total cost to \$12,500,000. The sources of funds for the project are \$4,250,000 from Clemson's Maintenance and Stewardship Account, \$2,000,000 in gifts and donations; and \$6,250,000 in State Institution Bonds.

Clemson projects March 2018 for execution of the construction contract with completion of construction expected in April 2019.

State Institution Bonds

Clemson is requesting issuance of not exceeding \$6,750,000 in General Obligation State Institution Bonds to fund a portion of the construction of the permanent improvement project, reimburse Clemson for expenses incurred, and pay expenses associated with issuance of the bonds.

The South Carolina Constitution authorizes the issuance of general obligation bonds for state higher education institutions provided the bonds are secured by a pledge of revenues derived

from the tuition fees of the institution. The maximum annual debt service may not exceed 90% of the tuition fees received for the fiscal year. Title 59, Chapter 107, of the South Carolina Code of Laws provides for the authorization of State Institution Bonds, and Section 11-29-30 directs the State Treasurer to set aside the tuition fees to pay the debt service.

The term of the proposed bond issuance is 20 years. Clemson's tuition fees totaled \$35,822,886 for the fiscal year which ended June 30, 2017. Exhibit A reflects the debt service requirements for all of Clemson's existing and proposed State Institution Bonds; the maximum composite debt service is \$18,588,620. Holding FY 2016-17 revenues constant, the debt service is projected to range from 1% to 52% of tuition fees (Exhibit B).

The project is not expected to result in any additional revenue; however, it will replace a functionally deficient campus asset, provide academic programming space, and address student recreational needs.

Clemson reports that the current tuition levels are sufficient to pay the debt service on the bonds.

Pursuant to Article X, Section 13, of the South Carolina Constitution and Section 59-107-100 of the South Carolina Code of Laws, the full faith, credit, and taxing power of the State will be pledged to pay the principal and interest on the bonds.

Information regarding Clemson's issuance of General Obligation State Institution Bonds is provided in accordance with JBRC policy adopted October 7, 2014, and amended on September 13, 2016.

COMMITTEE ACTION:

Review and make recommendation regarding Clemson University's request for Phase II, Full Design and Construction of an outdoor fitness and wellness center to house the Parks, Recreation & Tourism programs and Student Affairs funded in part with the issuance of not exceeding \$6,750,000 in General Obligation State Institution Bonds.

ATTACHMENTS:

- 1) Department of Administration Agenda Item Worksheet dated December 5, 2017
- 2) A-1, A-49, Questionnaire, and LEED Cost-Benefit Analysis
- 3) Letter from Pope Flynn Law Firm, dated October 31, 2017 (including Bond Information Report and Exhibits A and B)

AVAILABLE UPON REQUEST:

- 1) Article X, Section 13, of the South Carolina Constitution
- 2) Title 59, Chapter 107, of the South Carolina Code of Laws
- 3) Section 11-29-30 of the South Carolina Code of Laws

JOINT BOND REVIEW COMMITTEE AGENDA ITEM WORKSHEET

Meeting Scheduled for: December 5, 2017

Regular Agenda

1. Submitted By:

- (a) Agency: Department of Administration
(b) Authorized Official Signature:


Rick Harmon, Director, Capital Budget Office

2. Subject: Clemson University Outdoor Fitness and Wellness Center Construction

3. Summary Background Information:

To establish the construction budget to construct an outdoor fitness and wellness center to address the academic and recreational needs of Clemson students. The facility will be constructed on a currently under-utilized, 32-acre property on Lake Hartwell. This project was included in Clemson University's FY18 CPIP with the priority 1 of 7. This project was established in December 2016 for Phase I, which is now complete. This project will be constructed to meet Green Globe 3 Certification standards with anticipated operating cost savings of \$373,760 over a 30 year period. The Outdoor Fitness and Wellness Center project will include constructing an approximately 16,000 square foot building to accommodate academic programming and replace a 60-year old hog barn, and will provide support spaces for the site. The building will include classrooms, offices for the Parks, Recreation & Tourism Management (PRTM) programs and Student Affairs, and public restroom, shower and concession facilities for access to and from the lake's beach. The project will also include three soccer-field sized, artificial turf fields and a new entrance road. PRTM programs using this space serve more than 4,900 students in 6,700 course enrollments a year. Academic facilities for this and other programs using the site are inadequate. Classes are weather dependent and frequently held in an un-renovated, unconditioned 60-year old hog barn which lacks functional restrooms. The new building will include approximately 6,400 square feet of classroom space. Clemson's current fields create significant safety hazards for students due to their weekend use for football parking and damage from poor weather. The poor condition of the rutted fields results in a disproportionate number of injuries. Visiting teams often refuse to play on Clemson's fields, forcing clubs to rent off-campus space at costs to students averaging \$1,700 to \$3,000 a game, depending on club size. Clemson lags behind peer institutions in the state and nationally in inside square footage space for these programs. Clemson has 6.6 square feet per student compared with an average of 13.1 square feet per student among peers. To achieve parity with this average for indoor recreation space would require 147,000 square feet and cost \$60 million. Rather than construct expensive indoor space, this project allows an additional 156,000 square feet of space to be constructed at an average cost of \$80 per square foot by combining inside and outside elements. The agency estimates that the completed project will cost approximately \$12,500,000 and will be funded with Institution Bonds, Maintenance and Stewardship Funds and Gifts and Donations with additional annual operating costs of \$210,000 in year 1, \$216,300 in year 2, and \$222,789 in year 3. The agency also reports the projects date for execution of the construction contract is March 2018 and for completion of construction is April 2019.

4. What is JBRC asked to do?

Consider approval of the Permanent Improvement Project Phase II and bond authorization.

5. What is the recommendation of the Department of Administration?

The CBO has determined that the item is complete and ready for JBRC review.

6. List of Supporting Documents:

- 1) Permanent Improvement Project Phase II Project approval
- 2) Bond Authorization

FOR DEPARTMENT USE ONLY

CHE _____
 JBRC _____
 SFAA _____
 JBRC Staff _____
 ADMIN Staff _____
 A-1 Form Mailed _____
 SPIRS Date _____
 Summary _____

RECEIVED

By Kim at 2:56 pm, Nov 06, 2017

(For Department Use Only)

3-2018 (A)

SUMMARY NUMBER

FORM NUMBER

PERMANENT IMPROVEMENT PROJECT REQUEST

1. AGENCY

Cod H12 Name Clemson UniversityContact Person John McEntire Phone 864-656-1238

2. PROJECT

Project # 9935 Name Outdoor Fitness and Wellness Center ConstructionFacility # _____ Facility Name Snow Outdoor Fitness and Wellness Center

County Code	39
New/Revised Budget	\$12,500,000.00

Project Type	Construct Additional Facility
Facility Type	Program/Academic

3. CPIP PROJECT APPROVAL FOR CURRENT FISCAL YEAR

CPIP priority number 1 of 7 for FY 2017-18

4. PROJECT ACTION PROPOSED (Indicate all requested actions by checking the appropriate boxes.)

Establish Project		Decrease Budget		Close Project	
Establish Project - CPIP		Change Source of Funds		Change Project Name	
Increase Budget	X	Revise Scope		Cancel Project	

5. PROJECT DESCRIPTION AND JUSTIFICATION

(Explain and justify the project or revision, including what it is, why it is needed, and any alternatives considered. Attach supporting documentation/maps to fully convey the need for the request.)

This request is to establish the construction budget to construct an outdoor fitness and wellness center to meet the academic and recreational needs of Clemson students. The facility will be constructed on an under-utilized, 32-acre property on Lake Hartwell. The project will include constructing an approximately 16,000 square foot building to accommodate academic programs and replace a 60 year old hog barn and will provide support spaces for the site. The building will include classrooms, offices for Parks, Recreation & Tourism Management (PRTM) programs and Student Affairs, and public restroom, shower and concession facilities for access to and from the lake's beach. The project will also include three soccer field-sized, artificial turf fields and a new entrance road.

PRTM programs using this space serve more than 4,900 students in 6,700 course enrollments a year. Academic facilities for this and other programs using the site are inadequate. Classes are weather dependent and frequently held in an un-renovated, unconditioned hog barn which lacks functional restrooms. The new building will include approximately 6,400 square feet of classroom space. Clemsons current fields create significant safety hazards for students due to their weekend use for football parking and damage from poor weather. The poor condition of the rutted fields results in a disproportionate number of injuries. Visiting teams often refuse to play on Clemsons fields, forcing clubs to rent off-campus space at costs to students averaging \$1,700 to \$3,000 a game, depending on club size. Clemson lags behind peer institutions in the state and nationally in indoor space for these programs. Clemson has 6.6 square feet per student compared with an average of 13.1 square feet per student among peers. To achieve parity with this average for indoor space would require 147,000 square feet and cost \$60 million. Rather than achieving parity by constructing expensive indoor space, this project allows an additional 156,000 square feet of space to be constructed at an average cost of \$80 per square foot by combining inside and outside elements.

6. OPERATING COSTS IMPLICATIONS

Attach Form A-49 if any additional operating costs or savings will result from this request. This includes costs to be absorbed with current funding.

7. ESTIMATED PROJECT SCHEDULE AND EXPENDITURES

Estimated Start Date: December 2016 Estimated Completion Date: June 2020
 Estimated expenditures: Thru current FY: \$ 3,000,000.00 After current FY: \$ 9,500,000.00

8. ESTIMATES OF NEW/REVISED PROJECT COSTS

PROJECT #

9935

1. _____ Land Purchase ---->
2. _____ Building Purchase ---->
3. \$1,026,000.00 Professional Services Fees
4. \$702,000.00 Equipment and/or Materials ---->
5. \$2,700,000.00 Site Development
6. \$6,754,000.00 New Construction ---->
7. _____ Renovations - Building Interior -->
8. _____ Renovations - Utilities
9. _____ Roofing - _____ Roof Age
10. _____ Renovations - Building Exterior
11. _____ Other Permanent Improvements
12. _____ Landscaping
13. _____ Builders Risk Insurance
14. _____ Other Capital Outlay
15. _____ Labor Costs
16. _____ Bond Issue Costs
17. \$455,000.00 Other: Project Mgmt, Inspections, IT, etc.
18. \$863,000.00 Contingency

Land: _____ Acres
 Floor Space: _____ Gross Square Feet
 Information Technology \$ _____
 Floor Space: 16,000 Gross Square Feet
 Floor Space: _____ Gross Square Feet

ENVIRONMENTAL HAZARDS

Identify all types of significant environmental hazards (including asbestos, PCB's, etc.,) present in the project and the financial impact they will have on the project.

Type: _____

Cost Breakdown

Design Services \$ _____
 Monitoring \$ _____
 Abate/Remed \$ _____
 Total Costs \$ _____

\$ 12,500,000.00 TOTAL PROJECT BUDGET

9. PROPOSED SOURCE OF FUNDING

Source	Previously Approved Amount	Increase/Decrease	Original/Revised Budget	Transfer to/from Proj. #	Rev. Object Code	Treasurer's ID Number	Rev. Sub Fund	Exp. Sub Fund
(0) Capital Improvement Bonds, Gr ____					8115		3043	3043
(1) Dept Capital Improvement Bonds Grot ____					8115		3143	3143
(2) Institution Bonds		\$ 6,250,000.00	\$ 6,250,000.00		8111	28800100	3235	3235
(3) Revenue Bonds								3393
(4) Excess Debt Service Type								3497
(5) Capital Reserve Fund					8895		3603	3603
(6) Appropriated State Program Source -					8895	68800100	1001	3600
(7) Federal						78800100		5787
(8) Athletic						88800100		3807
(9) Other (Specify)								
Maintenance & Stewardship		\$ 4,250,000.00	\$ 4,250,000.00		7221	98800100	4193	
Gifts and Donations	\$ 312,500.00	\$ 1,687,500.00	\$ 2,000,000.00		7201	98800100	4907	3907
TOTAL BUDGET	\$ 312,500.00	\$ 12,187,500.00	\$ 12,500,000.00					

10. SUBMITTED BY:

Signature of Authorized Official and Title

Brett A. Dalton, Executive Vice President for Finance and Operations

9/27/17

Date

11. APPROVED BY:

(For Department Use Only)

Authorized Signature and Title

Date

Revised 2/23/16

ADDITIONAL ANNUAL OPERATING COSTS/SAVINGS
RESULTING FROM PERMANENT IMPROVEMENT PROJECT

1. AGENCY
 Code H12 Name Clemson University

2. PROJECT
 Project # 9935 Name Outdoor Fitness and Wellness Center Construction

3. ADDITIONAL ANNUAL OPERATING COSTS/SAVINGS. (Check whether reporting costs or savings.)

XX ☐ COSTS ☐ SAVINGS ☐ NO CHANGE

4.

TOTAL ADDITIONAL OPERATING COSTS/SAVINGS				
Projected Financing Sources				
(1)	(2)	(3)	(4)	(5)
Fiscal Year	General Funds	Federal	Other	Total
1) FY 18-19	\$	\$	\$210,000.00	\$210,000.00
2) FY 19-20	\$	\$	\$216,300.00	\$216,300.00
3) FY 20-21	\$	\$	\$222,789.00	\$222,789.00

5. If "Other" sources are reported in Column 4 above, itemize and specify what the other sources are (revenues, fees, etc.).

University operating revenues

6. Will the additional costs be absorbed into your existing budget? XX ☐ YES ☐ NO
 If no, how will additional funds be provided?

7. Itemize below the cost factors that contribute to the total costs or savings reported above in Column 5 for the first fiscal year.

<u>COST FACTORS</u>	<u>AMOUNT</u>
1. <u>Utilities</u>	<u>\$55,000.00</u>
2. <u>Maintenance</u>	<u>\$55,000.00</u>
3. <u>Personal Services</u>	<u>\$100,000.00</u>
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
TOTAL	<u>\$210,000.00</u>

8. If personal services costs or savings are reported in 7 above, please indicate the number of additional positions required or positions saved. 2

9. Submitted By: Brett A. Daulton 9/27/17
 Signature of Authorized Official and Title Date

**PERMANENT IMPROVEMENT PROJECT INFORMATION FORMAT FOR
PHASE II CONSTRUCTION BUDGET**

**Outdoor Fitness and Wellness Center Construction
September 28, 2017**

1. What is the total projected cost of the project and what is it based on? Please attach a summary of the costs prepared during the A&E pre-design phase to support the total cost. \$12,500,000
2. What is/are the source(s) of funds for the construction? If any private or federal funds are included, please attach a letter guaranteeing the availability of the funds.

State Institution Bonds and Other, Maintenance and Stewardship Funds and Gifts and Donations

3. What is your agency/institution's definition of each fund source to be used for construction? (If any type of fee makes up a portion of the source, what is the fee called, what is the fee amount, and when it was put in place. If there is a statutory authority authorizing the use of the funds for capital projects, please cite the code section.)

State Institution Bonds are long-term debt instruments issued by the State Treasurer's Office in the name of the University and are pledged to be repaid with tuition fees.

Maintenance and Stewardship Funds are tuition, matriculation, and other debt retirement and plant transfers revenues that are not formally obligated to fund debt service in the current period and that are responsibly transferred to and managed by the State Treasurer until the time of their State Treasurer approved qualified use.

Gifts and Donations are amounts received from individuals, corporations and other entities that are to be expended for their restricted purposes.

4. What is the current uncommitted balance of funds for each source listed in 3 above?

There is currently no bond balance for Institution Bonds. The bond resolution will be submitted for approval by the Joint Bond Review Committee and State Fiscal Accountability Authority concurrently with Phase II construction budget approval.

Uncommitted balance of Maintenance and Stewardship Funds as of 8/29/17 - \$48,544,946

Uncommitted balance of Gifts and Donations for this project as of 9/20/17 - \$2,289,259

5. If institution or revenue bonds are included as a source, when were the bonds issued? If not issued yet, when is the bond resolution expected to be brought for State Fiscal Accountability Authority approval?

The bond resolution will be submitted for approval by the Joint Bond Review Committee and State Fiscal Accountability Authority concurrently with Phase II construction budget approval.

6. If a student fee is used to fund debt service, what is the current amount of the fee annually or by semester? Please specify which.

It is estimated that the debt service for the Outdoor Fitness and Wellness Center project will equate to approximately \$6.00 per in-state undergraduate student per semester. However, as addressed in response to question 7, no increase will be required for this project. Existing tuition and fees, including the FY 17-18 increase, are sufficient to cover any costs associated with this project.

7. Will the use of any funds for construction require an increase in any student fee or tuition? If so, please explain in detail.

No student tuition or fee increase will be required for construction of this facility. Existing tuition and fees, including the FY 17-18 increase, are sufficient to cover any costs associated with this project.

8. Will the project be LEED certified for energy savings and conservation and if so, at what level will it be certified? For projects requiring or using LEED certification, please attach the required cost benefit analysis and a checklist of items to be used to achieve LEED points or a description of the energy measures to achieve LEED.

The project will be certified to Green Globe 3 Certification. The cost benefit analysis and checklist of items used to achieve Green Globe points are attached.

9. What energy savings/conservation measures will be implemented within the project if the project will not be LEED certified? For projects that do not require/use LEED, please provide a paragraph on energy savings measures to be implemented as part of the project. If there are no energy savings measures included, please state that and explain why. N/A – The project will be Green Globe 3 certified.

10. What is the projected date (month and year) for execution of the construction contract? March 2018

11. What is the projected date (month and year) for completion of construction? April 2019

12. What program(s) are to be included in the constructed or renovated space?

The 6,400 square feet of classroom space will be available for use by all academic programs, however, leisure skills programming has been identified as the best fit for the space. Thus, the facility will be used primarily by the University's Outdoor Recreation Department, as well as intramural sports, club sports, group fitness and wellness programs, aquatic programs and related programs.

13. What is the total square footage of the building to be renovated or constructed?

The facility to be constructed will contain approximately 16,000 square feet. The project also includes construction of restroom, shower and concession facilities, three soccer field sized, artificial turf fields, and a new entrance road to the property.

14. If a portion of the building is to be renovated, what is the square footage of the portion that will be included in the renovation? N/A

15. What is the current age of the building or building systems to be renovated? N/A

16. If any new space is being added to the facility, please provide demand/usage data to support the need.

The leisure skills program serves more than 4,900 students in 6,700 course enrollments a year. Academic facilities this and other programs using the site are inadequate. Classes are weather dependent and frequently held in an un-renovated, unconditioned 60 year old hog barn which lacks functional restrooms. The new building will accommodate 6,400 square feet of classroom space to accommodate approximately 2,560 student credit hours per year.

Further, Clemson has significantly less indoor recreation space per student than peer institutions in South Carolina and nationally. Clemson has 6.6 square feet per student compared with an average of 13.1 square feet per student among peers. To achieve parity with this average for indoor recreation space would require 147,000 square feet and cost approximately \$60 million. This project allows Clemson to construct an additional 156,000 square feet of indoor and outdoor space at an average cost of \$80 per square foot.

17. What are the estimated numbers of students, faculty, staff and/or clients that are expected to use the space affected by the project or the entire building? (Answer for as many as are applicable.)

The facility will be used by approximately 6,000 students and 400 faculty and staff.

18. If the construction cost increased significantly from the internal estimate (30% or more), what factors caused the cost to increase? N/A

19. If the contingency is more than 10%, please explain why. N/A

20. If funds are being transferred from another project, what is the current status of the project from which funds are being transferred? N/A

21. Has the project been included in a previous year's CPIP? If so, what was the last year the project was included and for which year, 1-5? 2016 and 2017 CPIP, Year One

22. What are the economic impacts of the project, including job creation and retention? If there are none, please explain.

The economic impact of this project will be substantial. Approximately \$12.5 million in construction will mean a significant number of jobs for architects, engineers, builders and tradesmen.

23. How will your agency/institution address and fund maintenance of this facility construction/renovation?

The University has a comprehensive maintenance stewardship fund as well as a designated fund for maintenance, repair and renovation. Annual prioritization resulting from objective building assessments determines the planned investments in asset stewardship on a building by building and project by project basis. The University targets balances for this maintenance stewardship fund required to adequately protect the physical assets of the University. It is a long range planning tool/fund and, in that respect, the planned balances match the anticipated needs for annual and long range stewardship.

24. If your agency/institution has a deferred maintenance account, what is the name of the account and what is its current uncommitted balance?

The University has Maintenance and Stewardship Funds (MSF) comprised of tuition, matriculation, and other debt retirement and plant fund revenues that are restricted to support capital investment and that are not formally obligated to fund debt service in the current period. These funds are consciously planned for maintenance and renovation needs and are responsibly transferred to and managed by the State Treasurer until the time the State Treasurer approves a qualified use of these funds. As of 8/29/17, the balance in the MSF held by the State Treasurer and not currently committed to identified capital projects is \$48,544,946.

25. If how maintenance will be addressed and funded for this facility construction/renovation has not been determined yet, what steps are in place to begin to address how your agency/institution will fund maintenance to this and other agency/institution facilities?

N/A – see the response to question 23.

PALACIO COLLABORATIVE

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Project Name: **Clemson Outdoor Fitness & Wellness Center** Date: **8/30/17**
 Location: **Clemson, South Carolina** Construction Start: **8/1/18**

11.1 Months

Component	Area	Unit	Cost/Unit	Total
Building Cost (Shell)				
A. Substructure (Foundations)	16,500	SF	8.31	137,075
B. Structural System	16,500	SF	70.72	1,166,829
Exterior Wall	16,500	SF	40.55	669,016
Exterior Doors & Windows	16,500	SF	22.58	372,517
Roofing	16,500	SF	19.96	329,394
C. Partitions	16,500	SF	5.55	91,534
Interior Doors & Glazing	16,500	SF	2.07	34,131
Casework & Millwork	16,500	SF	0.73	12,107
Accessories	16,500	SF	4.30	71,005
Stairs & Railings	16,500	SF	9.20	151,875
Wall Finishes	16,500	SF	3.01	49,675
Floor Finishes	16,500	SF	3.84	63,409
Ceiling Finishes	16,500	SF	1.97	32,580
D. Conveying Systems	16,500	SF	4.24	70,000
Plumbing	16,500	SF	3.35	55,344
HVAC	16,500	SF	23.00	379,521
Fire Protection	16,500	SF	4.15	68,423
Electrical Distribution	16,500	SF	8.60	141,900
Lighting	16,500	SF	10.47	172,723
Special Systems	16,500	SF	8.04	132,600
E. Fixed Equipment	16,500	SF	0.00	0
Total Building Cost	16,500	SF	254.65	4,201,659
"Gut" Interior	0	SF	0.00	0
Total Sitework	16,500	SF	162.39	2,679,513
Total Hazardous Abatement Allowance	0	SF	0.00	0
Subtotal				\$6,881,172
CM General Conditions & Requirements 11%				756,929
Non-Negotiated General Requirements 1.5%				114,572
CM Fee 4.5%				348,870
Design/Market Conditions Contingency 8%				648,123
CM-at-risk Contingency 0%				0
Subtotal (Current Dollars)				\$8,749,666
Escalation to Start of Construction (Included in Unit Prices)				
8/30/17 to 8/1/18 0.0%				0
Total Probable Construction Cost				\$8,749,666
Cost per SF				\$530.28
Above/(Below) SCL: \$8,750,000			0.0%	(\$334)
ISOLATED COSTS				
Building		61%	\$323.79	\$5,342,566
Sitework		39%	\$206.49	\$3,407,100

Cost Model

Green Globes Rating 3
Building Area (sf) 16000

Administrative and Equipment Costs Summary

Certification Cost	
Registration Fees	\$1,500
Green Globes NC Design Review and On-Site Assessment	\$8,500
Assessor - Travel (Flat Fee)	\$1,500
Plaque (16x16")	\$1,075
Complimentary CIEB Registration with NC Assessment	\$0
Green Globes Administration Costs	\$37,375
Energy Modeling	\$10,250
Daylight Modeling	\$8,000
Increased Equipment and Construction Costs	\$58,200
Total Administrative and Equipment Costs	\$116,100

Operational Costs Summary

	Annual \$/GSF	Annual Costs	Life Cycle Costs (30 Yrs)
Baseline Annual Building Operation Costs			
Building Systems Utility Costs	\$2.90	\$46,400.00	\$1,392,000.00
Potable Water	\$0.22	\$3,520.00	\$105,600.00
Building Maintenance	\$3.38	\$54,080.00	\$1,622,400.00
Total Cost			\$3,120,000.00
Certified Building Estimated Operational Costs			
Building Systems Utility Costs (22% Reduction)	\$2.26	\$36,192.00	\$1,085,760.00
Potable Water (30% Reduction)	\$0.15	\$2,464.00	\$73,920.00
Building Maintenance (10% Reduction)	\$3.04	\$48,672.00	\$1,460,160.00
Total Cost			\$2,619,840.00

Payback Analysis

Operational Cost Savings	\$500,160.00
Administrative & Equipment Costs	(\$126,400)
NET SAVINGS	\$373,760.00

Increased Equipment and Construction Costs Include:

- High Efficiency VRF system and controls
- LED and lighting controls (sensors)
- High Efficiency Glazing (low SHGC) and Building Envelope
- Sustainable Material Selections and Low VOC Products
- Increased Construction Protocol



9/19/2017

Date:

Clemson OWC

Project Name:

Important Note: This document is intended to provide information regarding the areas assessed and associated maximum points available under the Green Globes for New Construction program. Each of

PROJECT MANAGEMENT				ENERGY (CONT'D)			
		Maximum Points:50	Y N ?			Maximum Points:50	Y N ?
1.1 Integrated Design Process (IDP)		5		3.3 Metering, Measurement, and Verification		12	
1.1.1 Pre-Design Meetings		3	Y	3.3.1 Metering		3	Y
1.1.2 IDP Performance Goals		3	Y	3.3.2 Measurement and Verification		4	Y
1.1.3 IDP Progress Meeting for Design		3	Y	3.4 Building Envelope		31	
1.1.4 Cashier Asset Plan & Business Case Summary (Federal only)		0	NA	3.4.1 Thermal Resistance and Transmittance		10	Y
1.2 Environmental Management During Construction		12	Y	3.4.2 Orientation		3	Y
1.2.1 Environmental Management Systems (EMS)		3	Y	3.4.3 Fenestration Systems		15	Y
1.2.2 Clean Diesel Practices		2	Y	3.5 Lighting		36	
1.2.3 Building Materials and Building Envelope		2	Y	3.5.1 Lighting Power Density		10	Y
1.2.4 IAQ During Construction		5	Y	3.5.2 Interior Automatic Light Shut-off Controls		3	Y
1.3 Commissioning		29	Y	3.5.3 Light Reduction Controls		4	Y
1.3.1 Pre-Commissioning		3	Y	3.5.4 Daylighting		8	Y
1.3.2 Whole Building Commissioning		13	Y	3.5.5 Controls for Daylighted Zones		6	Y
1.3.3 Training		1	Y	3.5.6 Exterior Luminaires and Controls		5	Y
1.3.4 Operations and Maintenance Manual		6	Y	3.6 HVAC Systems and Controls		59	
2.1 Development Area		30	N	3.6.1 Building Automation System		10	Y
2.1.1 Urban Infill and Urban Sprawl		10	N	3.6.2 Cooling Equipment		13	Y
2.1.2 Greenfields, Brownfields and Floodplains		20	N	3.6.3 Cooling Towers		3	Y
2.2 Ecological Impacts		32	Y	3.6.4 Heat Pumps		3	Y
2.2.1 Site Disturbance and Erosion		8	Y	3.6.5 Heating Equipment		8	Y
2.2.2 Tree Integration		5	Y	3.6.6 Condensate Recovery		2	Y
2.2.3 Tree Preservation		4	Y	3.6.7 Steam Traps		2	Y
2.2.4 Heat Island Effect		13	Y	3.6.8 Excess Hot Water Mishers		5	Y
2.2.5 Bird Collisions		2	Y	3.6.9 Variable Speed Control of Pumps		5	Y
2.3 Stormwater Management		18	Y	3.7 Other HVAC Systems and Controls		32	
2.4 Landscaping		23	Y	3.7.1 Minimizing Reheat and Re-cool		5	Y
2.5 Exterior Light Pollution		7	Y	3.7.2 Air Economizers		3	Y
3.1 Energy Performance		100	Y	3.7.3 Fans and Ductwork		7	Y
3.2 Energy Demand		35	Y	3.7.4 Demand Controlled Ventilation		10	N
3.2.1 Passive Demand Reduction		19	Y	3.7.5 Variable Refrigerant Flow Systems		6	Y
3.2.2 Power Demand Reduction		16	Y	3.8 Other Energy Efficient Equipment and Measures		11	
4.1 Water Consumption		42	Y	3.8.1 Elevators and Escalators		5	Y
4.2 Cooling Towers		9	Y	3.8.2 Other Energy Efficient Equipment		6	Y
4.3 Boilers and Water Heaters		4	Y	3.9 Renewable Energy		50	
4.4 Water Intensive Applications		18	NA	3.9.1 On-site Renewable Energy		32	Y
4.4.1 Commercial Food Service Equipment		6	Y	3.9.2 Off-site Renewable Energy		18	Y
4.4.2 Laboratory and Medical Equipment		5	Y	3.10 Energy Efficient Transportation		24	
4.4.3 Laundry Equipment		4	Y				
4.4.4 Special Water Features		3	Y				
4.5 Water Treatment		3	Y				
4.6 Alternate Sources of Water		5	Y				
4.7 Metering		11	Y				
4.8 Irrigation		13	Y				

EMISSIONS				INDOOR ENVIRONMENT			
		Maximum Points:50	Y N ?			Maximum Points:60	Y N ?
6.1 Heating		18	Y	7.1 Ventilation		37	Y
6.2 Cooling		29	N	7.1.1 Ventilation Air Quantity		11	Y
6.2.1 Use of New or Existing Cooling Equipment (Informational only)		0	Y	7.1.2 Air Exchange		3	Y
6.2.2 Ozone-Depleting Potential		10	Y				
6.2.3 Global Warming Potential		10	Y				
6.2.4 Leak Detection		8	Y				
6.3 Janitorial Equipment		3	Y				



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October 31, 2017

Ms. Dianne Carraway
Senate Finance
111 Gressette Building
Columbia, South Carolina 29202

Re: Not Exceeding \$6,750,000 of General Obligation State Institution Bonds (Issued on Behalf of Clemson University) of the State of South Carolina (the "Bonds")

Dear Dianne:

Clemson University plans to request project review and approval of its proposed Snow Outdoor Fitness and Wellness Center at the December 2017 Joint Bond Review Committee and State Fiscal Accountability Authority meetings and in connection with such request will propose that a portion of the budget for such project include proceeds of the Bonds. In accordance with the policy adopted by the Joint Bond Review Committee on October 7, 2014, as amended on September 13, 2016, regarding any agency or institution request for a project approval that results in the addition of bond funds to the project budget, please find enclosed the required documentation detailing the proposed financing of the proposed project. On behalf of Clemson University, we respectfully request that the Joint Bond Review Committee consider the request for the use of proceeds from the proposed Bonds in connection with its consideration of the proposed project at its meeting currently scheduled for December 5, 2017.

Please let us know should you require anything further or if you have any questions regarding the enclosed.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'G. T. Pope, Jr.', is written over the typed name.

Gary T. Pope, Jr.

c: Rick Petillo, Director of Debt and Capital Financing, Clemson University
Kevin Kibler, Senior Assistant State Treasurer, Office of State Treasurer

Enclosures

Clemson University Bond Information Report

Prepared in Connection with the Proposed Authorization of

Not Exceeding \$6,750,000 of State of South Carolina General Obligation
State Institution Bonds (Issued on Behalf of Clemson University),
Series 2018

October 31, 2017

Amount and Type of Bond. Clemson University (the “University”) is making application to the South Carolina State Fiscal Accountability Authority for the issuance of not exceeding \$6,750,000 of State of South Carolina General Obligation State Institution Bonds (Issued on Behalf of Clemson University), Series 2018 (the “Bonds”), in order to provide funds to: (i) defray the costs of constructing and equipping an outdoor fitness and wellness center, to include indoor and outdoor facilities and fields to serve academic and recreational programs and purposes, and replacement of certain existing facilities of the University; (ii) reimburse the University for expenses incurred in anticipation of the issuance of the Bonds ((i) and (ii), the “Project”); and (iii) pay for expenses related to the issuance of the Bonds.

Revenues Pledged to Pay the Bonds. Tuition revenues of the University and the full faith, credit, and taxing power of the State of South Carolina would be pledged to the payment of the Bonds. Article X, Section 13, Paragraph (6)(b) of the South Carolina Constitution provides that general obligation bonds for any state institution of higher learning designated by the General Assembly (“State Institution Bonds”) may be issued, if such bonds shall be additionally secured by a pledge of the revenues derived from the tuition fees received by the particular institution of higher learning for which such State Institution Bonds are issued; provided, that the maximum annual debt service on all State Institution Bonds so additionally secured issued for such state institution thereafter to be outstanding shall not exceed 90% of the sums received by such state institution of higher learning from tuition fees for the fiscal year next preceding. Title 59, Chapter 107 of the South Carolina Code (the “Enabling Act”) provides for the authorization of State Institution Bonds. Section 11-29-30 of the South Carolina Code requires the State Treasurer to set aside from the tuition fees collected by such state institution and received in each fiscal year in which interest on and principal of the Bonds become due, so much of such revenues from such tuition fees as may be necessary in order to pay the interest on and principal of all State Institution Bonds issued on behalf of the University and due in each fiscal year, and the State Treasurer thereafter applies such moneys to the punctual payment of such principal and interest as they become due. In the event revenues derived from the tuition fees so pledged prove insufficient to meet the payments of interest on and principal of the Bonds in such fiscal year, then the State Treasurer is authorized and directed to set aside so much of the general tax revenues received in each fiscal year as may be necessary to pay the principal of and interest on the Bonds due in such year and to apply the same to the punctual payment of such principal and interest.

The sum of tuition fees, for the purposes of the Enabling Act, for the fiscal year ended June 30, 2017, totaled \$35,822,886. The debt service requirements on all existing, authorized, and proposed State Institution Bonds (Issued on Behalf of Clemson University) are attached as Exhibit

A. Exhibit B reflects maximum annual debt service of \$18,588,620 in fiscal year 2020, and debt service coverage ranging from 1% to 52% of fiscal year ended June 30, 2017 tuition fees. The University will covenant that the schedule of tuition fees now in effect at the University will be revised from time to time and whenever necessary in order to provide the annual principal and interest requirements of all State Institution Bonds now or hereafter to be outstanding, which have been or will be issued on behalf of the University.

New Revenue Generation. This project is a strategic priority for the University because of its important academic programming and student life benefits, rather than revenue generation. The project will replace a functionally deficient campus asset, provide much-needed academic programming space for a variety of academic programs including the Parks Recreation and Tourism Management department, and address student recreation needs. The University therefore does not expect, nor it is relying on, any new revenues as a result of this project.

Other Funds Available to Pay Bonds. Current tuition levels are more than sufficient to pay the debt service on the Bonds. In order for current tuition levels to be insufficient, enrollment would need to decrease by more than 35%. Clemson's enrollment has increased every year since 2002 and has grown almost 50% in the past 10 years.

Student Fees, Credit of the State, Mortgages. The full faith and credit of the State of South Carolina would be pledged to the payment of the Bonds. No Special Student Fee is authorized to be imposed in connection with the Bonds. No mortgage or lien has been or will be given in connection with the issuance of the Bonds.

Exhibit A

Clemson University - State Institution Bonds - Composite Debt Service

Fiscal Year	Existing Debt Service	Debt Service on Authorized but Unissued	Proposed Issue		Composite Debt Service
			Principal	Interest	
6/30/2018	\$ 15,337,209	\$ -	\$ -	\$ -	\$ 15,337,209
6/30/2019	17,980,713		275,000	173,176	18,428,889
6/30/2020	18,141,213		290,000	157,407	18,588,620
6/30/2021	17,881,263		290,000	154,536	18,325,799
6/30/2022	17,714,013		295,000	151,375	18,160,388
6/30/2023	17,715,013		300,000	147,835	18,162,848
6/30/2024	17,714,513		300,000	143,755	18,158,268
6/30/2025	17,716,263		305,000	139,285	18,160,548
6/30/2026	17,713,763		310,000	134,314	18,158,077
6/30/2027	17,718,313		315,000	128,765	18,162,078
6/30/2028	17,713,463		325,000	122,717	18,161,180
6/30/2029	17,711,913		330,000	116,152	18,158,065
6/30/2030	17,408,075		340,000	108,496	17,856,571
6/30/2031	16,909,125		345,000	99,792	17,353,917
6/30/2032	11,954,269		355,000	90,270	12,399,539
6/30/2033	11,803,944		365,000	79,868	12,248,812
6/30/2034	11,654,881		375,000	68,626	12,098,507
6/30/2035	9,121,569		390,000	56,589	9,568,158
6/30/2036	8,971,950		400,000	43,641	9,415,591
6/30/2037	5,150,000		415,000	29,961	5,594,961
6/30/2038			430,000	15,394	445,394
Totals	<u>\$ 304,031,465</u>	<u>\$ -</u>	<u>\$ 6,750,000</u>	<u>\$ 2,161,954</u>	<u>\$ 312,943,419</u>

Exhibit B

Clemson University - State Institution Bonds - Coverage

Fiscal Year	FY17 Tuition		Pro Forma	
	Composite Debt	Pledged to Debt	Pro Forma	Coverage
	Service	Service	Pledged Tuition	Percentage
6/30/2018	\$ 15,337,209	\$ 35,822,886	\$ -	43%
6/30/2019	18,428,889	35,822,886		51%
6/30/2020	18,588,620	35,822,886		52%
6/30/2021	18,325,799	35,822,886		51%
6/30/2022	18,160,388	35,822,886		51%
6/30/2023	18,162,848	35,822,886		51%
6/30/2024	18,158,268	35,822,886		51%
6/30/2025	18,160,548	35,822,886		51%
6/30/2026	18,158,077	35,822,886		51%
6/30/2027	18,162,078	35,822,886		51%
6/30/2028	18,161,180	35,822,886		51%
6/30/2029	18,158,065	35,822,886		51%
6/30/2030	17,856,571	35,822,886		50%
6/30/2031	17,353,917	35,822,886		48%
6/30/2032	12,399,539	35,822,886		35%
6/30/2033	12,248,812	35,822,886		34%
6/30/2034	12,098,507	35,822,886		34%
6/30/2035	9,568,158	35,822,886		27%
6/30/2036	9,415,591	35,822,886		26%
6/30/2037	5,594,961	35,822,886		16%
6/30/2038	445,394	35,822,886		1%
Total	\$ <u>312,943,419</u>			

AGENCY: Department of Commerce, Division of Public Railways

PROJECT/SUBJECT: Real Property Acquisitions Related to Rail Connection at Camp Hall Commerce Park

The Department of Commerce, Division of Public Railways (Palmetto Railways), requests approval to acquire properties necessary to obtain right of way (ROW) to construct rail infrastructure connecting the Camp Hall Commerce Park in Berkeley County to the CSX Transportation mainline rail located near the Santee Cooper Cross Generating Station. The location of the Volvo Cars first American factory and anticipated industrial development in and around the Commerce Park has created the demand for rail service to better serve the transportation, distribution, and logistical needs of current and future tenants. Volvo Cars, the anchor tenant, expects to produce 150,000 cars annually and is expected to be a catalyst for further economic development in the future.

The ROW corridor is approximately 22.7 miles by 100 feet (varying in areas), totaling approximately 363 acres. A total of 45 specific parcels have been identified for acquisition (or easement). There are no buildings located within the proposed ROW. Acquisition may be by purchase, condemnation, or settlement of condemnation. (Approximately 96 acres of the property is owned by Santee Cooper, a portion of which is subject to Federal Energy Regulatory Commission requirements. Therefore, ROW of a portion of the Santee Cooper-owned property may be obtained via easement rather than acquisition.)

Palmetto Railways is seeking approval to purchase the identified parcels for not more than the appraised fair market value, which is estimated not to exceed \$5.5 million, including costs. The source of funds for the acquisitions is Palmetto Railways' resources (sale of surplus property) and will not impact the General Fund.

A Phase I Environmental Site Assessment was completed and found Santee Cooper's Cross Generating Station to be the only area considered a recognized environmental condition (REC). It is considered an REC because "the operations performed at the facility represent a potential source for soil and groundwater contamination." A Phase II environmental study was not recommended. (If the ROW is obtained via an easement, the policy regarding environmental assessments would not apply. In addition, the property is already owned by the State of South Carolina.)

Palmetto Railways is in the process of obtaining letters of support from Berkeley County and the Berkeley County School District; Palmetto Railways will make the letters available to the Committee at the meeting on December 5.

COMMITTEE ACTION:

Approve acquisition of approximately 363 acres of land (less easements) necessary to construct approximately 22.7 miles of rail infrastructure to connect Camp Hall Commerce Park to CSX Transportation mainline near Cross, South Carolina.

ATTACHMENTS:

- 1) Department of Administration Agenda Item Worksheet, dated December 5, 2017
- 2) Letter from Department of Commerce, dated November 20, 2017, including maps and list of identified parcels
- 3) A-1, A-49, Questionnaires, and excerpts of Phase I Environmental Assessment, dated June 16, 2017

JOINT BOND REVIEW COMMITTEE AGENDA ITEM WORKSHEET

Meeting Scheduled for: December 5, 2017

Regular Agenda

1. Submitted By:

- (a) Agency: Department of Commerce
Div. of Public Railways d/b/a Palmetto Railways:
(b) Authorized Official Signature:

RM HTH

2. Subject:

Camp Hall Right of Way Purchases

3. Summary Background Information:

The South Carolina Department of Commerce has requested establishment of a combined Phase I preliminary and Phase II final land acquisition project and budget for \$5,500,000 (Other, Agency Resource Funds) to permit the acquisition of 45 specific right of way parcels that are approximately 22.7 miles by 100 feet (varying in areas), corridor wide. Such acquisition may be by purchase, condemnation, or settlement of condemnation provided such acquisitions are within fair market value as reflected in an agreed upon appraisal. This project will connect the Camp Hall Commerce Park and the Volvo Cars manufacturing facility to existing railroad right of way and the CSX Transportation mainline located near the Santee Cooper Cross Generating Station. 42 parcels totaling 339.6 acres are referred to as the Camp Hall Lead Tract, stretching from the Cross Generating Station to the Volvo Cars Phase II property line. These parcels are owned by 19 separate owners, the acquisition of some of which may require condemnation. 3 additional parcels totaling 23.679 acres are referred to as the Volvo Lead Track stretching from the Volvo Phase II property line to the Volvo Phase I property line where the Volvo manufacturing facility is located. These parcels are owned by 2 property owners, with the majority of the right of way acreage owned by the SC Public Service Authority ("Santee Cooper"). A Phase I Environmental Site Assessment was completed and, with the exception of two parcels located on the site of the Santee Cooper Cross Generation Station, found no potential recognized environmental conditions. The Santee Cooper Generating Station is considered a recognized environmental condition because the operations performed at the facility represent a potential source for soil and groundwater contamination on and under an area of the property. This site has experienced confirmed or has the potential to release hazardous substances and/or petroleum products that might also represent a vapor encroachment condition by vapor migration through the subsurface. The environmental assessment notes an understanding that no plans exist to develop inhabited building structures on the subject property that would represent a potential for exposure to vapors in an enclosed space. Palmetto Railways does not expect to take title to the two Cross Generating Station parcels because of federal regulatory requirements and is also seeking approval to acquire easements on Santee Cooper owned property. The agency estimates land acquisition costs at approximately \$5,500,000 and reports the estimated date to complete the acquisitions (including easements), during December 2018.

4. What is JBRC asked to do?

Consider approval of the project and budget in accordance with the plan as described.

5. What is the recommendation of the Department of Administration?

The item is complete and ready for JBRC review.

6. List of Supporting Documents:

1. SC Department of Commerce request for approval
2. Letter to JBRC and SFAA
3. Map of Palmetto Railways Proposed Route
4. Row Acquisition and/or Easements
5. Executive Summary – Camp Hall Right of Way Purchases



Henry McMaster
Governor

SOUTH CAROLINA
DEPARTMENT OF COMMERCE

Robert M. Hitt III
Secretary

November 20, 2017

Ms. Dianne Carraway
Joint Bond Review Committee
Gressette Building, Room 109
Columbia, South Carolina 29201

Mr. Delbert Singleton
State Fiscal Accountability Authority
1200 Senate Street
Columbia, SC 29201

Dear Dianne and Delbert:

Please accept this letter as an amendment to my letter dated November 2, 2017. The amendment corrects the number of parcels and acreage amounts owned by Santee Cooper as well as the total number of property owners. The amendment also makes some minor clarifications, but the purpose remains to notify you of the intention of the South Carolina Department of Commerce ("Commerce") and its Division of Public Railways ("Palmetto Railways") to seek approval by the Joint Bond Review Committee (JBRC) and the State Fiscal Accountability Authority (SFAA), as applicable, of a Permanent Improvement Project involving the extension of Palmetto Railways' operations by acquiring right-of-way (ROW) and granting easements over state-owned property to the extent necessary to establish the Camp Hall Rail Project, an approximate 22 mile industrial rail line to serve the Camp Hall Commerce Park in Berkeley County (the "Project").

The Project will connect the Camp Hall Commerce Park and the Volvo Cars manufacturing facility to existing railroad ROW and the CSX Transportation (CSXT) mainline located near the Santee Cooper Cross Generating Station. *See Exhibit 1* (Figure A, Palmetto Railways Proposed Route). Palmetto Railways will construct, own, and operate the rail line to serve existing and future development within the Commerce Park and along the new rail corridor. The anchor tenant of the Commerce Park and the initial industrial user is Volvo Car's first American factory. Volvo has announced intended investment of over \$1.1 billion and the creation of almost 4,000 new jobs by year-end 2023. Upon reaching full production, the company expects to produce 150,000 cars annually and is expected to be a catalyst for further economic development in the surrounding area much like BMW's impact in the Upstate.

For over a year, Palmetto Railways has been conducting environmental studies in the project area to meet regulatory requirements and is currently working with the US Army Corps of Engineers (USACE) and the Surface Transportation Board (STB) as joint lead federal agencies for the Project to ensure compliance with the National Environmental Policy Act or NEPA. At present and based on recent interactions with USACE and STB, Palmetto Railways expects that the agencies will only require an environmental assessment rather than an environmental impact statement for the Project. Palmetto Railways will continue to work in collaboration with the federal agencies and the community to mitigate any impacts of the Project.

For additional information regarding the Camp Hall Rail Project, please visit Palmetto Railways website for the Project, which can be located via the following link: <http://palmettorailwayscamphallrail.com>.

ROW ACQUISITION AND/OR EASEMENTS

In order to keep the Project on schedule for completion a year after Volvo Cars begins production in 2018, Palmetto Railways is moving forward (or preparing to move forward) various components of the Project on a parallel track, including undertaking the fee simple acquisitions and obtaining easements on state-owned property for the ROW necessary for the Project.

The ROW required to implement the approximate 22 miles of rail line is approximately 100 feet wide, though certain portions of the ROW have been widened to avoid leaving uneconomic remainders of property or narrowed to slightly less than 100 feet where that also made sense based on property lines. There are approximately 45 parcels total with 19 different property owners. While Palmetto Railways does not currently have appraisals for the ROW parcels,¹ based on available information, Palmetto Railways estimates that all ROW parcels (363 total acres), including soft costs, can be acquired with a budget not to exceed \$5.5 million. Palmetto Railways anticipates acquiring up to approximately 96 of the 363 acres (as many as six parcels) via easement rather than fee simple acquisitions. See Section 3 below.

1. Camp Hall Lead Track ROW (42 parcels; 339.600 acres)

There are 42 parcels totaling 339.600 acres in the ROW corridor needed for the Camp Hall lead track that stretches from the Cross Generating Station to the Volvo Cars Phase II property line.² See *Exhibit 2* (10/23/2017 Camp Hall Property Acquisition & 30% Design Plans). The parcels are owned by 19 separate owners, including two parcels held by heirs, which may require condemnation.

2. Volvo Lead Track ROW (3 parcels; 23.679 acres)

Three additional parcels totaling 23.679 acres in the ROW corridor connect the Camp Hall lead track to the Volvo lead track stretching approximately from the Volvo Phase II property line to the Volvo Phase I property line where the Volvo manufacturing facility is located. See *Exhibit 3* (10/23/2017 Volvo Lead Property Acquisition & 30% Design Plans). These three parcels are owned by two property owners, with 15.225 of the 23.679 acres owned by the SC Public Service Authority ("Santee Cooper"), which holds title to Volvo's Phase II site.

3. Santee Cooper Possible Easements (6 parcels; up to 96 acres)

Approximately 96 of the 363 acres needed for the ROW are owned by Santee Cooper, including acreage used for the Cross Generating Plant that is subject to Federal Energy Regulatory Commission (FERC) requirements. To the extent Santee Cooper property is subject to FERC requirements, Palmetto Railways will need to acquire the rail ROW via easement. The acreage owned by Santee Cooper that is located in the Camp Hall Commerce Park and on Volvo's Phase II manufacturing site is not subject to FERC requirements, and where feasible and otherwise acceptable, Palmetto Railways prefers to acquire the ROW in fee simple. See *Exhibit 4* (Santee Cooper Owned Property Map). For easements over (or fee simple acquisitions of) Santee Cooper property, Palmetto Railways and Santee Cooper will work together to minimize cost and expense to each state party. To that end, Palmetto Railways expects that Santee Cooper, subject to the support of executive and legislative leaders, will make any easements (or fee simple acquisitions, if applicable) available at the lowest cost possible, taking into

¹ Palmetto Railways will obtain fair market appraisals prior to undertaking any acquisitions.

² Palmetto Railways will require access to an additional 8.932 acres via an encroachment or construction permit granted by private property owners who agree to the relocation of logging roads and a private driveway that are affected by the ROW acquisition. Such relocation of these private roads and driveway will be on property to which Palmetto Railways will not take title.

account applicable legal or other constraints because enabling the Camp Hall Commerce Park property to be rail-served significantly enhances the value of that asset to Santee Cooper or to a third party purchaser.

4. Easement Over County-Owned Property; Not Subject to SFAA Approval

The Project includes rail infrastructure on the Volvo Phase I Property, which is owned by Berkeley County and long-term leased to Volvo for nominal consideration. Volvo will fund the construction by Palmetto Railways of an on-site rail processing yard on County-owned land adjacent to its manufacturing facility, which Palmetto Railways will own and operate and which is included in the overall Project. The County has granted (or will grant) Palmetto Railways a no-cost easement over the Phase I Property for the purpose of constructing the portion of the Volvo lead track that will extend from the Volvo factory across the Phase I and Phase II Property to connect with the Camp Hall lead track.

FUNDING

Palmetto Railways has funds available from the sale of surplus properties for the acquisition of the 363 acres needed for ROW and will have additional funds from existing resources and contributions from stakeholders to offset costs associated with construction and implementation of the Project. Palmetto Railways is also in the process of applying for an Infrastructure for Rebuilding America (INFRA) grant, which if received would offset up to 50 percent of the Project cost. At a later date, if needed, Palmetto Railways may seek approval of revenue bond and/or other financing for the Project, subject to requisite approvals.

LOCAL BENEFIT & SUPPORT

The Volvo Cars manufacturing and office projects will be catalysts for further economic development in and around the Camp Hall Commerce Park. The Project, which will serve Volvo Cars as its initial industrial user, will create jobs during construction and enable increased taxable investment and job creation by creating rail-served industrial sites in an area that is very rural with few opportunities for economic development. Additionally, Palmetto Railways has been working closely with Berkeley County and the Cross community regarding the Project and how best to mitigate any impacts to the local area. In light of economic development benefits and the benefits created by planned mitigation projects, the Project has solid local support. Palmetto Railways will obtain letters of support from Berkeley County and the Berkeley County School district for submission to JBRC prior to the December meeting.

REQUEST FOR APPROVAL

Subject to receipt of appraisals and submission of local support letters to JBRC, the Department of Commerce and Palmetto Railways respectfully request that JBRC and SFAA take the following action:

1. Pursuant to Chapter 47 of Title 2 of the Code, approve Phase I and II of a Permanent Improvement Project for acquisition of up to 45³ specific ROW parcels, otherwise referenced herein and in the attached exhibits, for not more than a total estimated fair market value of \$5.5 million, including costs. Such acquisition may be by purchase or condemnation (including condemnation settlement solely for monetary consideration);⁴ provided such acquisitions are within fair market value as reflected in an agreed upon appraisal.

The Department of Commerce and Palmetto Railways respectfully request that SFAA take the following additional actions:

³ Palmetto Railways expects to acquire a minimum of the two Cross Generating Station parcels via easement.

⁴ Condemnation will be used as a last resort and is not likely to be necessary except with regard to two parcels held by heirs.

2. Pursuant to Section 13-1-1350 of the Code, approve extension of the division's operations through the acquisition by purchase, condemnation, and/or donation of properties needed for the construction of additional connecting railroads that are desirable in the public interest to promote and foster economic growth and development; provided, however, that any financing of such extension will require subsequent approval pursuant to Sections 13-1-1350 and 13-1-1460 of the Code. *See Exhibit 5* (11/2/17 Certificate of Director).
3. Pursuant to Section 10-1-130 of the Code, authorize Santee Cooper to grant one or more easements to Palmetto Railways on Santee Cooper owned property (acreage and number of parcels affected TBD) at the lowest possible cost, not to exceed fair market value, taking into account applicable legal or other constraints and recognizing the value added to Santee Cooper-owned property in the Camp Hall Commerce Park as a result of the newly constructed rail infrastructure, which will benefit Santee Cooper or a third party purchaser, all for the purpose of minimizing the cost and expense to each state party.
4. Pursuant to Section 1-11-65 of the Code, approve the acquisition by Palmetto Railways of Santee Cooper owned property by easement (acreage and number of parcels affected TBD) pursuant to the same terms identified in Request No. 3 herein.

Sincerely,


Karen B. Manning
Chief Legal Counsel

cc: Robert M. Hitt III
Jeff McWhorter, President, Palmetto Railways
Chris Huffman, Chief Financial Officer
Ashlie Lancaster, SC Department of Administration

KBM
Attachments

Exhibit 1

(Figure A: Palmetto Railways Proposed Route)

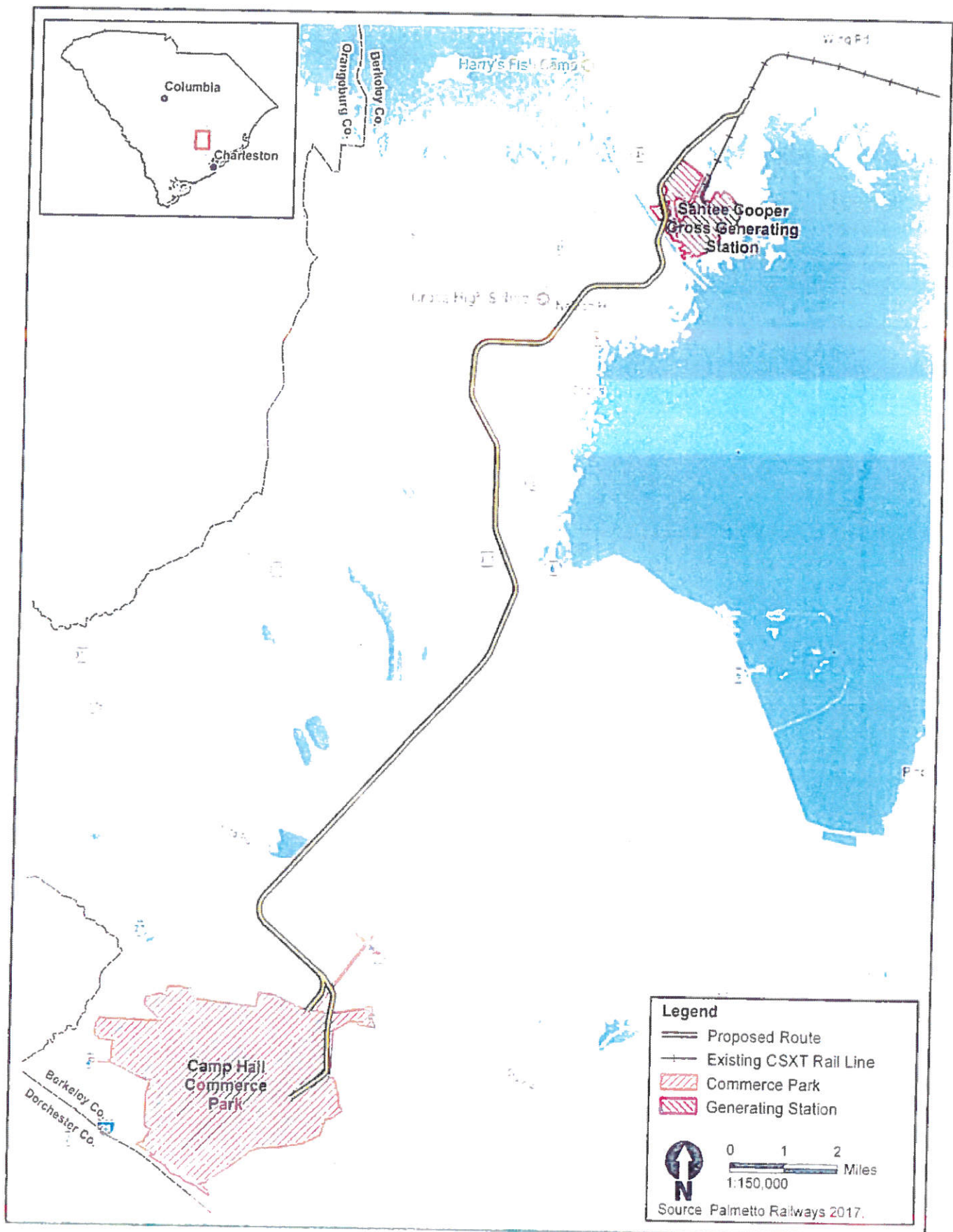


Figure A
Palmetto Railways Proposed Route

Exhibit 2

(10/23/17 Camp Hall Property Acquisition & 30% Design Plans)

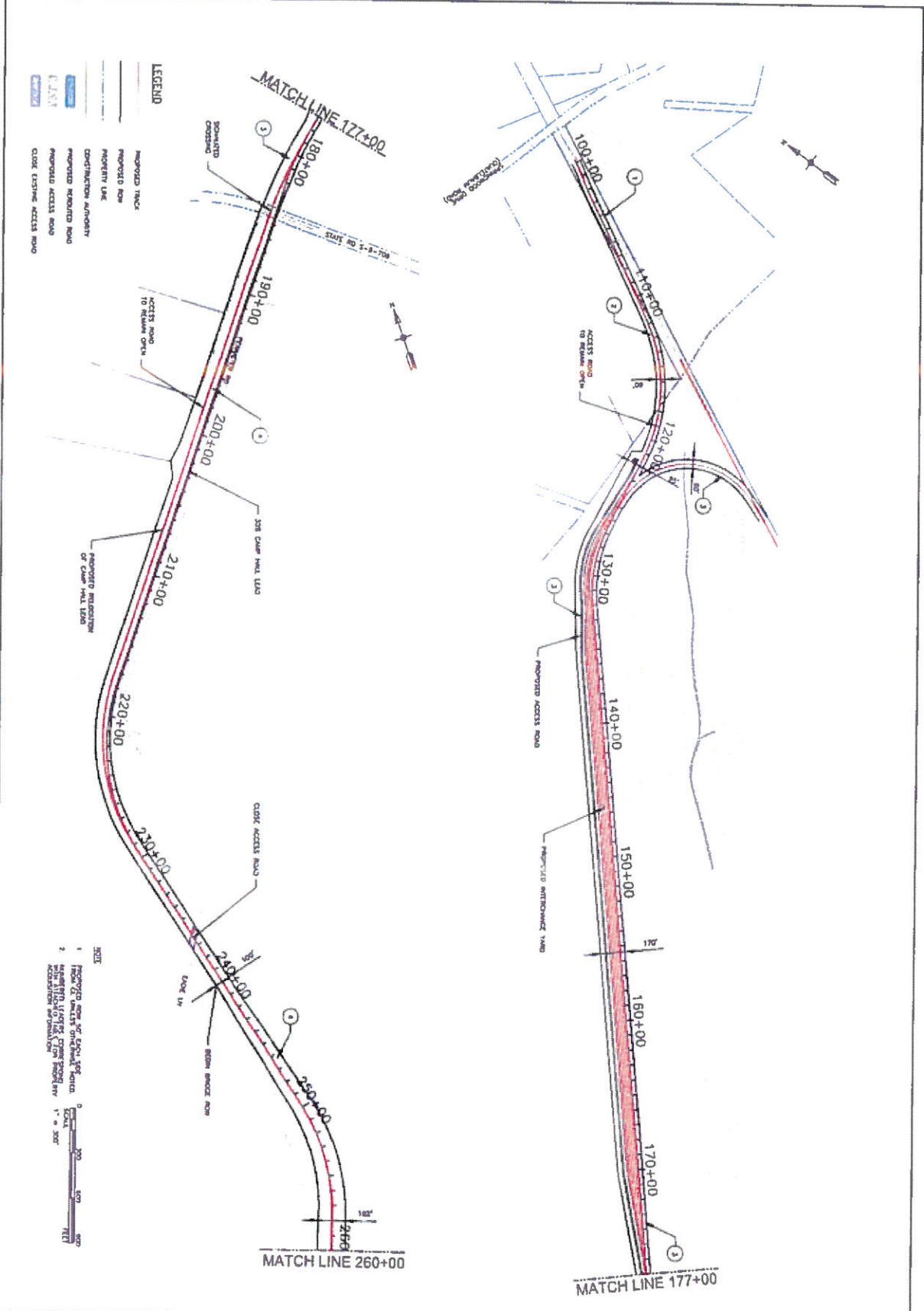
10/23/2017 Camp Hall Property Acquisition								
No.	Parcel ID	Property Owner	Start Station	End Station	100' ROW Acquisition Area [SF]	100' ROW Acquisition Area [AC]	100' ROW Construction Authority [SF]	100' ROW Construction Authority [AC]
1	UNKNOWN	SCPSA Santee Cooper	100+00.00	112+49.49	48,965	1.124		
2	022-00-03-093	Clarke Robert L Jr Etal	102+58.41	118+29.70	57,425	1.318		
3	032-00-03-048	Cross Generating Plant	117+19.27	183+85.24	1,049,496	24.093		
4	032-00-03-048	Cross Generating Plant	184+49.41	265+79.24	1,001,802	22.998		
5	UNKNOWN	SCPSA Santee Cooper	269+38.64	347+33.60	922,369	21.175		
6	042-00-03-125	Johnson Michael E	308+73.17	309+59.13	3,948	0.091		
7*	042-00-03-040	Pinckney St Julian	347+27.26	347+78.90	48,905	1.123		
8*	042-00-03-041	Heirs of Pinckney Joseph	348+28.87	349+91.14	24,679	0.567		
9	042-00-03-040	Pinckney St Julian	349+90.79	370+66.32	261,793	6.010		
10	042-00-04-073	Austin Mack O and Ann W	370+40.18	379+53.87	116,806	2.681		
11	042-00-04-020	Giesick Pamela Jean	379+28.94	380+77.32	6,947	0.159		
12	042-00-02-041	Rollerson Ronnie Lee	378+22.29	381+49.74	13,871	0.318		
13	042-00-02-045	Mack Joseph D Etal	381+15.90	403+24.14	567,461	13.027		
14*	042-00-02-046	Heirs of Mack Robert	388+29.31	390+48.89	57,060	1.310		
15	042-00-01-035	Cohen Phylliss	403+24.52	418+72.45	165,880	3.808	51,162	1.175
16	042-00-01-036	Johnson Lawrence K Etal	418+19.35	432+86.94	162,409	3.728		
17	053-00-02-041	Kernodle Trent M	427+45.16	436+50.21	20,388	0.468		
18	052-00-00-026	Santee River LLC	432+58.78	499+63.97	659,532	15.141	25,322	0.581
19	052-00-00-026	Santee River LLC	500+09.87	559+18.53	875,554	20.100		
20	051-00-00-037	Tall Corn Forestry LLC	560+00.81	655+21.96	953,346	21.886		
21	051-00-00-037	Tall Corn Forestry LLC	655+62.05	678+25.37	261,316	5.999		
22	051-00-00-037	Tall Corn Forestry LLC	678+61.53	701+51.76	378,070	8.679		
23	080-00-02-047	Cross Wilbur Wayne Jr & Laura R Life Estate	701+36.65	703+11.90	8,747	0.201		
24	081-00-00-037	Santee River LLC	701+22.97	722+45.35	201,065	4.616	2,319	0.053
25	080-00-02-001	Kunkle Terry L	722+02.07	724+08.61	6,108	0.140	7,003	0.161
26	081-00-00-034	Timberlands III LLC	722+45.35	732+17.59	91,047	2.090	7,953	0.183
27	081-00-00-034	Timberlands III LLC	732+59.75	741+34.64	83,054	1.907		
28	081-00-00-017	Taylor John C Etal	740+74.43	741+17.29	215	0.005		
29	081-00-00-034	Timberlands III LLC	741+83.35	752+58.33	98,968	2.272	40,494	0.930
30	081-00-00-034	Timberlands III LLC	752+60.77	780+46.54	273,861	6.287		
31	081-00-00-034	Timberlands III LLC	780+85.19	852+49.81	715,616	16.428		
32	081-00-00-034	Timberlands III LLC	852+95.39	906+60.42	535,953	12.304	73,902	1.697
33	117-00-00-050	Timberlands III LLC	907+04.23	1012+81.92	1,057,060	24.267	62,039	1.424
34	137-00-00-022	Timberlands III LLC	1013+24.30	1049+99.91	365,443	8.389		
35	137-00-00-022	Timberlands III LLC	1050+18.21	1074+85.64	242,777	5.573		
36	137-00-00-022	Timberlands III LLC	1074+95.72	1117+02.01	418,205	9.601		
37	137-00-00-022	Timberlands III LLC	1117+98.36	1169+77.68	517,418	11.878		
38	137-00-00-022	Timberlands III LLC	1170+21.71	1177+42.04	165,143	3.791	67,254	1.544
39	137-00-00-022	Timberlands III LLC	1176+99.38	1191+37.20	182,325	4.186	51,640	1.185
40	137-00-00-022	Timberlands III LLC	1194+60.78	1229+86.18	848,511	19.479		
41	137-00-00-022	Timberlands III LLC	1230+12.77	1289+65.08	822,100	18.873		
42	157-00-00-003	SC Public Service Authority	1290+03.64	1390+43.70	501,319	11.509		

* Full Parcel Acquisition

1 Acre = 43560

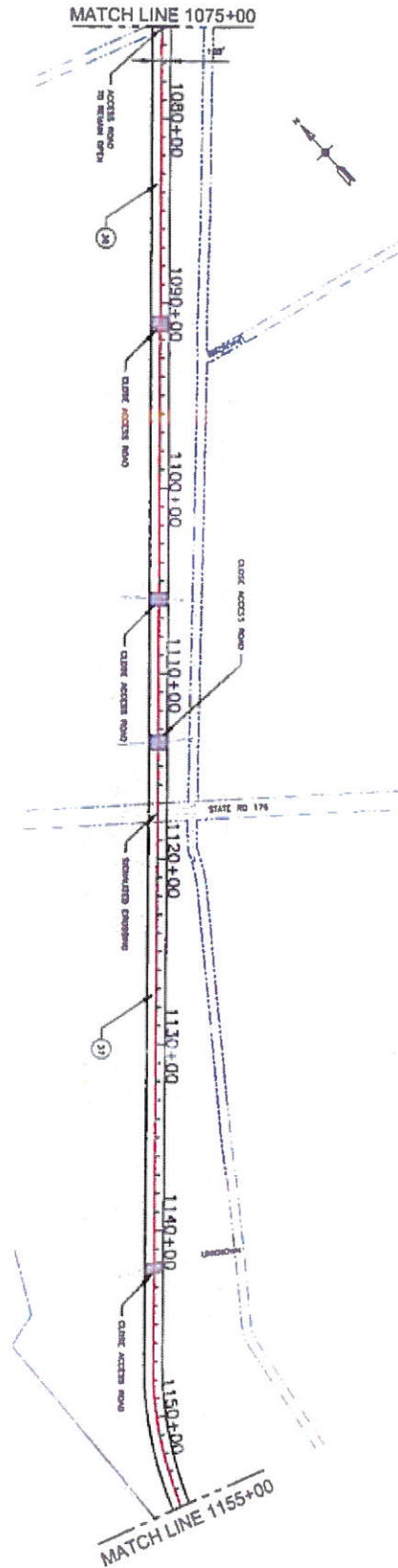
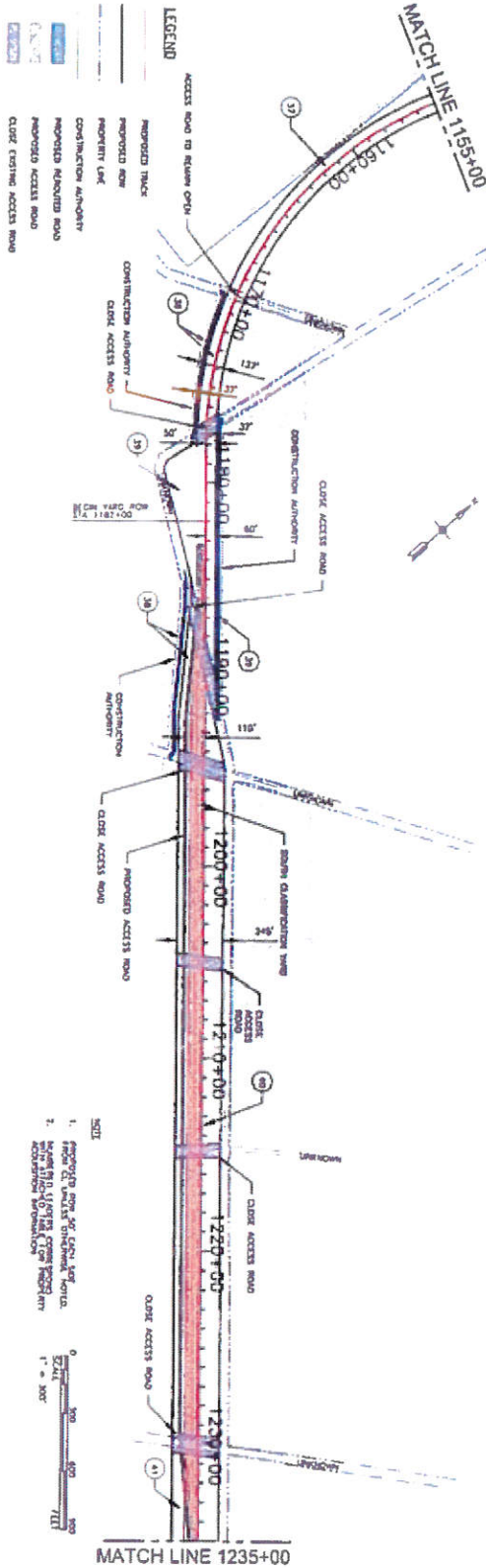
Σ = 339.600
Acres

Σ = 8.932
Acres



<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION										<p>CAMP HALL BERKELEY COUNTY, SOUTH CAROLINA</p> <p>RAILROADS</p> <p>KEVIN B. GILES, P.E.</p>	<p>30% DESIGN PLANS</p> <p>DOCUMENT IS FOR INTERIM REVIEW AND NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES</p> <p>TranSystems</p> <p>4409 LEEDS AVE. SUITE 430 NORTH CHARLESTON, SC 29405 PHONE: (843) 285-0200</p>
NO.	DATE	DESCRIPTION												

- LEGEND**
- PROPOSED TRACK
 - PROPOSED ROW
 - PROPERTY LINE
 - CONSTRUCTION AUTHORITY
 - PROPOSED ALIGNED ROAD
 - PROPOSED ACCESS ROAD
 - CLOSE EXISTING ACCESS ROAD



REVISION	DATE	DESCRIPTION
1	10/10/2017	30% DESIGN PLANS
2	10/10/2017	30% DESIGN PLANS
3	10/10/2017	30% DESIGN PLANS
4	10/10/2017	30% DESIGN PLANS
5	10/10/2017	30% DESIGN PLANS
6	10/10/2017	30% DESIGN PLANS
7	10/10/2017	30% DESIGN PLANS

CAMP HALL
BERKELEY COUNTY, SOUTH CAROLINA

RAILWAYS
KEEPING SOUTH CAROLINA RAIL

30% DESIGN PLANS
DOCUMENT IS FOR INTERIM REVIEW AND NOT
INTENDED FOR CONSTRUCTION, BIDDING, OR
PERMIT PURPOSES

TranSystems

4408 LEEDS AVE.
SUITE 400
NORTH CHARLESTON, SC 29405
PHONE: (843) 295-5385

Exhibit 3

(10/23/17 Volvo Lead Property Acquisition & 30% Design Plans)

10/23/2017 Volvo Lead Property Acquisition						
No.	Parcel ID	Property Owner	Start Station	End Station	100' ROW Acquisition Area [SF]	100' ROW Acquisition Area [AC]
V1	137-00-00-022	Timberlands III LLC	VL 108+73.20	VL 122+60.12	134,559	3.089
V2	158-00-00-005	Timberlands III LLC	VL 123+64.93	VL 147+01.79	233,680	5.365
V3	176-00-01-002	SC Public Service Facility	VL 147+70.74	VL 236+59.32	663,221	15.225

1 Acre =	43560
----------	-------

Σ =	23.679
	Acres

NOTE:

The table above includes all property takes required for the establishment of the 100' Volvo Lead ROW beginning after the turnout off of the Camp Hall Lead and ending at the Volvo Facility Property Line.

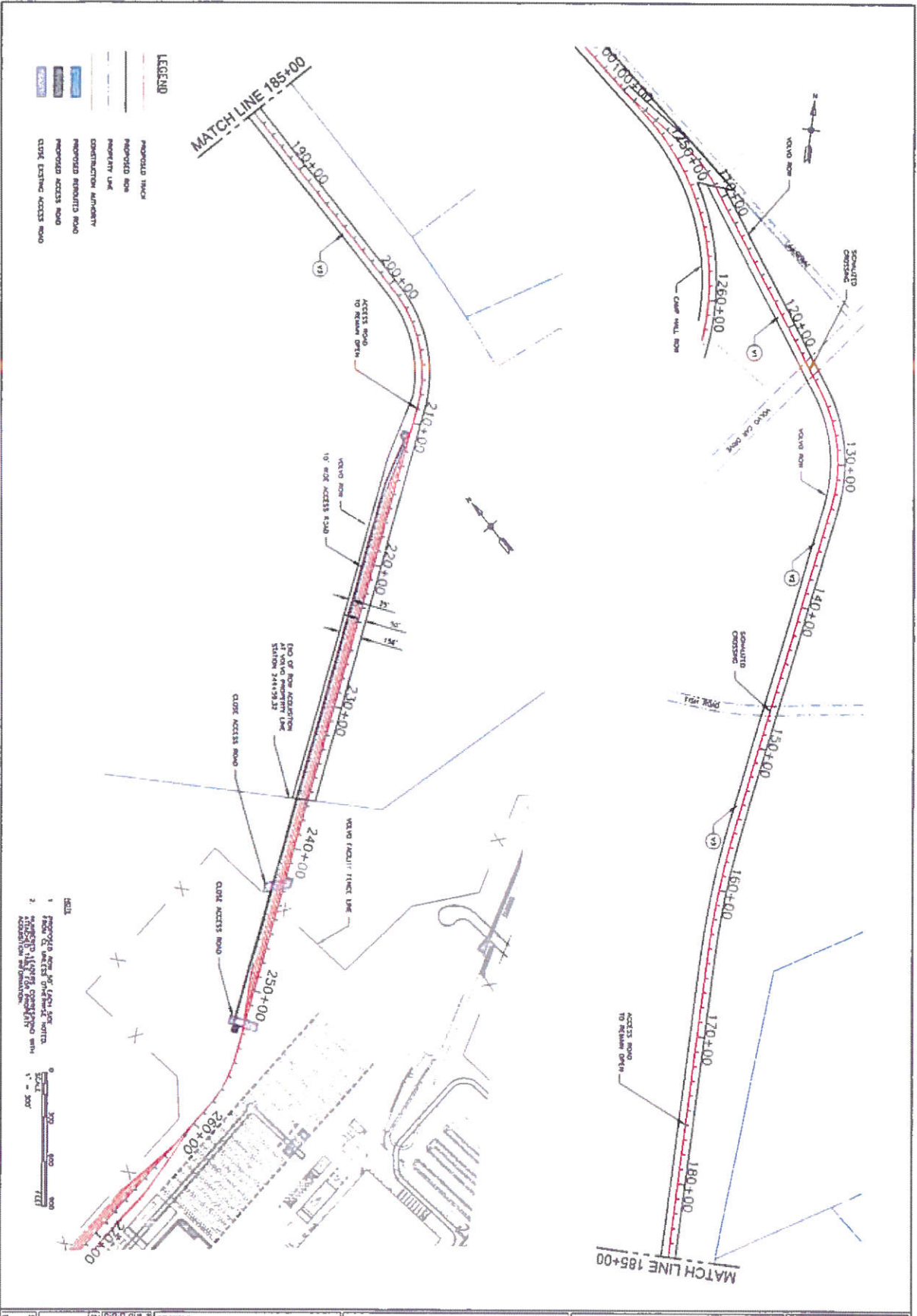
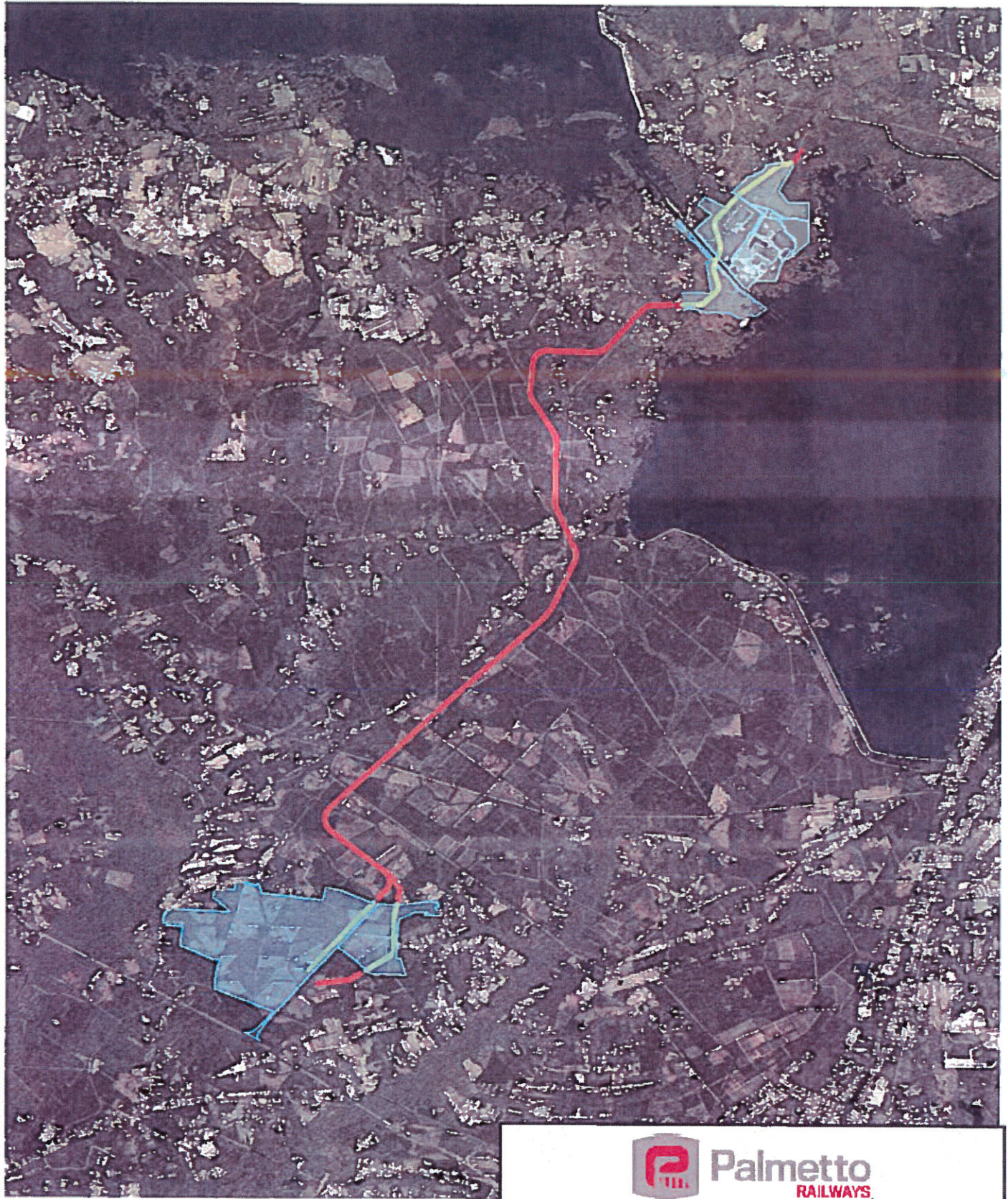





Exhibit 4

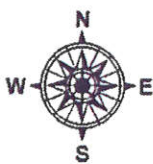
(Santee Cooper Owned Property)



Palmetto
RAILWAYS

Legend

-  PROPOSED CAMP HALL
-  ALIGNMENT INSIDE SANTEE COOPER
-  SANTEE COOPER PROPERTY



0 1.25 2.5 5 7.5 Miles

Exhibit 5

(Certificate of the Director)

**CERTIFICATE OF THE DIRECTOR
OF
THE SOUTH CAROLINA DIVISION OF PUBLIC RAILWAYS D/B/A PALMETTO RAILWAYS,
A DIVISION OF THE SOUTH CAROLINA DEPARTMENT OF COMMERCE**

I, the undersigned, Jeffrey M. McWhorter, do hereby certify as follows:

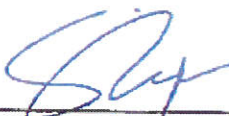
I am, as of this date, the duly qualified and acting sole Director and President of the South Carolina Division of Public Railways d/b/a Palmetto Railways ("*Palmetto*"), a division of the South Carolina Department of Commerce. I am authorized to execute this certificate on behalf of Palmetto, and I am knowledgeable with respect to the matters set forth herein.

Pursuant to the authority and requirements of Sections 13-1-1330(2), 13-1-1330(4), 13-1-1330(8), 13-1-1350, and 13-1-1390 of the Code of Laws of South Carolina, 1976, as amended, I hereby find and certify as follows:

1. The acquisition of right of way for the purpose of establishing a rail line of approximate length of 22 miles between the unincorporated community of Cross and the Camp Hall Commerce Park in Berkeley County and the construction of the rail line (the "*Project*") by Palmetto and the extension of Palmetto's operations thereby are desirable in the public interest to promote and foster economic growth and development.
2. Such acquisition and construction for the purpose of extending Palmetto's operations do not involve the extension of mainline trackage.
3. The acquisition of right of way, estimated not to exceed \$5.5 million, and the construction of the Project, will give rise to no pecuniary liability of Palmetto or a charge against its general credit or a charge against the full faith and credit or taxing power of the State of South Carolina or any political subdivision thereof.
4. Palmetto has funds available for the acquisition of right of way required to commence the Project and does not intend to issue revenue bonds to finance such acquisition.
5. To the extent that Palmetto determines at any time that the issuance of revenue bonds or other financing is necessary and in the public interest to offset costs of the Project's construction, such financing shall be subject to requisite approvals and all requirements related to financing and record-keeping associated with the extension of operations set forth in Section 13-1-1310, et seq.
6. The estimated cost of maintaining the Project, once constructed, is estimated not to exceed \$200,000 annually, such costs to be paid from revenues earned by Palmetto from the Project and/or shall be absorbed as general operating costs of Palmetto.

IN WITNESS WHEREOF, I have set my hand 2nd day of November, 2017.

SOUTH CAROLINA DIVISION OF PUBLIC RAILWAYS
D/B/A PALMETTO RAILWAYS, A DIVISION OF THE
SOUTH CAROLINA DEPARTMENT OF COMMERCE

By:  *Sterling Cooper* FOR *Jeffrey M. McWhorter*
Jeffrey M. McWhorter, Director and President

FOR DEPARTMENT USE ONLY

CHE _____
 JBRC _____
 SFAA _____
 JBRC Staff _____
 ADMIN Staff _____
 A-1 Form Mailed _____
 SPIRS Date _____
 Summary _____

RECEIVED NOV 07 2017

K6

(For Department Use Only)

3-2018(A)

SUMMARY NUMBER

FORM NUMBER

PERMANENT IMPROVEMENT PROJECT REQUEST**1. AGENCY**Code Y08 Name SC Department of Commerce Division of Public Railways d/b/a Palmetto RailwaysContact Person Sheri Cooper Phone 843-727-2067**2. PROJECT**Project # 9506 Name Camp Hall Right of Way Purchases

Facility # _____ Facility Name _____

County Code	08 - Berkeley
New/Revised Budget	\$5,500,000.00

Project Type	1 - Purchase Land/Buildings
Facility Type	9 - Land Purchase

3. CPIP PROJECT APPROVAL FOR CURRENT FISCAL YEAR

CPIP priority number _____ of _____ for FY _____

4. PROJECT ACTION PROPOSED (Indicate all requested actions by checking the appropriate boxes.)

Establish Project	<input checked="" type="checkbox"/>	Decrease Budget	<input type="checkbox"/>	Close Project	<input type="checkbox"/>
Establish Project - CPIP	<input type="checkbox"/>	Change Source of Funds	<input type="checkbox"/>	Change Project Name	<input type="checkbox"/>
Increase Budget	<input type="checkbox"/>	Revise Scope	<input type="checkbox"/>	Cancel Project	<input type="checkbox"/>

5. PROJECT DESCRIPTION AND JUSTIFICATION

(Explain and justify the project or revision, including what it is, why it is needed, and any alternatives considered.
 Attach supporting documentation/maps to fully convey the need for the request.)

Palmetto Railways is purchasing right of way (ROW) to construct rail infrastructure to connect the CSX Transportation rail network near the Santee Cooper Cross Generating Station to the Camp Hall Commerce Park in Berkeley County. The connection will be approximately 22.7 miles by 100-ft (varying in areas) corridor wide. Recent development at Camp Hall Commerce Park has increased the demand for rail service to better serve the transportation, distribution and logistical needs of current and future tenants. Tenants at the Park currently include Volvo Cars, which is a significant driver of the increased need for rail service. Additionally, anticipated supporting industries that may locate near Volvo Cars in the future would likely benefit from rail transportation options.

6. OPERATING COSTS IMPLICATIONS

Attach Form A-49 if any additional operating costs or savings will result from this request. This includes costs to be absorbed with current funding.

7. ESTIMATED PROJECT SCHEDULE AND EXPENDITURES

Estimated Start Date: 1/1/2018 Estimated Completion Date: 12/31/2018
 Estimated Expenditures: Thru Current FY: \$2,500,000.00 After Current FY: \$3,000,000.00

8. ESTIMATES OF NEW/REVISED PROJECT COSTS

PROJECT #

9506

1. 4,950,000.00 Land Purchase ----> Land: 363.00 Acres
 2. _____ Building Purchase ----> Floor Space: _____ Gross Square Feet
 3. 550,000.00 Professional Services Fees
 4. _____ Equipment and/or Materials ----> Information Technology _____
 5. _____ Site Development
 6. _____ New Construction ----> Floor Space: _____ Gross Square Feet
 7. _____ Renovations - Building Interior ----> Floor Space: _____ Gross Square Feet
 8. _____ Renovations - Utilities
 9. _____ Roofing - _____ Roof Age
 10. _____ Renovations - Building Exterior
 11. _____ Other Permanent Improvements
 12. _____ Landscaping
 13. _____ Builders Risk Insurance
 14. _____ Other Capital Outlay
 15. _____ Labor Costs
 16. _____ Bond Issue Costs
 17. _____ Other: _____
 18. _____ Contingency

\$5,500,000.00 TOTAL PROJECT BUDGET

ENVIRONMENTAL HAZARDS

Identify all types of significant environmental hazards (including asbestos, PCB's, etc.,) present in the project and the financial impact they will have on the project.

Type none found

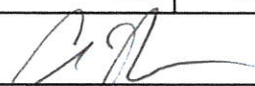
Cost Breakdown

Design Services \$ _____
 Monitoring \$ _____
 Abate/Remed \$ _____
 Total Costs \$ _____ 0.00

9. PROPOSED SOURCE OF FUNDING

Source	Previously Approved Amount	Increase/Decrease	Original/Revised Budget	Transfer to/from Proj. #	Rev Object Code	Treasurer's ID Number	Rev Sub Fund	Exp Sub Fund
(0) CIB, Group			0.00 0.00		8115		3043	3043
(1) Dept. CIB, Group			0.00 0.00		8115		3143	3143
(2) Institution Bonds			0.00 0.00					3235
(3) Revenue Bonds			0.00 0.00					3393
(4) Excess Debt Service			0.00 0.00					3497
(5) Capital Reserve Fund			0.00 0.00		8895		3603	3603
(6) Appropriated State			0.00 0.00		8895	68800100	1001	3600
(7) Federal			0.00 0.00			78800100		5787
(8) Athletic			0.00 0.00			88800100		3807
(9) Other (Specify) Agency Resources		5,500,000.00	5,500,000.00 0.00 0.00		7263	98800100		3907
TOTAL BUDGET	\$0.00	\$5,500,000.00	\$5,500,000.00					

10. SUBMITTED BY:


Signature of Authorized Official and Title

Chief Financial Officer

November 6, 2017

Date

11. APPROVED BY:

(For Department Use Only)

Authorized Signature and Title

Date

Revised 3/30/16

ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS
RESULTING FROM PERMANENT IMPROVEMENT PROJECT

1. AGENCY Code Y08 Name SC Department of Commerce Division of Public Railways - Palmetto Railways

2. PROJECT Project # 9506 Name Camp Hall Right of Way Purchases

3. ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS. (Check whether reporting costs or savings.)

☒ COSTS

☐ SAVINGS

☐ NO CHANGE

4.

TOTAL ADDITIONAL OPERATING COSTS / SAVINGS				
Projected Financing Sources				
(1)	(2)	(3)	(4)	(5)
Fiscal Year	General Funds	Federal	Other	Total
1)	\$	\$	\$	\$ 0.00
2)	\$	\$	\$	\$ 0.00
3)	\$	\$	\$	\$ 0.00

5. If "Other" sources are reported in Column 4 above, itemize and specify what the other sources are (revenues, fees, etc.). Operating cost related to the acquisition of this property will be minimal until construction of the rail line and will come from Palmetto Railways accounts.

6. Will the additional costs be absorbed into your existing budget? ☒ YES ☐ NO
 If no, how will additional funds be provided?

NOTE: PALMETTO RAILWAYS IS AN ENTERPRISE AGENCY AND NOT INCLUDED IN THE STATE APPROPRIATIONS ACT.

7. Itemize below the cost factors that contribute to the total costs or savings reported above in Column 5 for the first fiscal year.

COST FACTORS		AMOUNT
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
TOTAL		\$0.00

8. If personal services costs or savings are reported in 7 above, please indicate the number of additional positions required or positions saved. _____

9. Submitted By: Chris Huffman Chris Huffman, CFO
 Signature of Authorized Official and Title

11/6/2017
 Date

**PERMANENT IMPROVEMENT PROJECT INFORMATION FORMAT
FOR PRELIMINARY LAND ACQUISITION / INVESTIGATIVE STUDIES PROJECTS**

1. What is the internal projected cost of the project, including acquisition cost?

\$5,500,000

2. What is/are the source(s) of funds to be used for investigative studies for the acquisition?

Palmetto Railways Resources

3. What is your agency/institution's definition of the source(s) of funds to be used for the investigative land studies? (Please be specific for each source and if there is a statutory authority authorizing the use of the funds for capital projects/acquisitions, please cite the code section. If a source includes any type of fee, what is the fee called, what is the fee amount and when was it put in place?)

Resources of Palmetto Railways which includes agency funds and contributions from stakeholders.

4. What is the current fund balance of uncommitted funds in the source of funds for investigative land studies?

\$4,000,000

5. What is the source(s) of funds to be used for the acquisition?

Same as above

6. What is your agency/institution's definition of the source(s) of funds to be used for acquisition? (Please be specific for each if different from those in 3 above. If there is statutory authority authorizing the use of the funds for acquisition, please cite the code section and if a source includes a fee, what is the fee called, what is the fee amount and when was it put in place?)

Same as above

7. What is the current fund balance of uncommitted funds in each source to be used for the acquisition?

Same as above

8. Will the use of any funds for the acquisition require an increase in any student fee or tuition? If so, please explain.

N/A

9. If the use of any funds for acquisition will require any student fee or tuition increase, please explain and include the amount of the fees annually or by semester, what the fee is called and when it was put in place.

N/A

10. What is the total acreage and/or square footage of the land and/or building to be acquired?

363 Acres

11. If a building is involved in the acquisition, will it have to be renovated and what is the projected cost?
Please explain.

N/A

12. What program(s) will use the land/building to be acquired?

13. What is the current age of the building to be acquired, if applicable?

14. Please provide demand/usage data to support the need for the acquisition.

15. What are the estimated numbers of students, faculty, staff and/or clients that are expected to use the property to be acquired? (Answer for as many as are applicable.)

16. Has the acquisition project been included in a previous year's CIP? If so, what was the last year the project was included and for which year, 1-5?

17. What are the economic impacts of the project, including job creation and retention? If there are none, please explain.

**DEPARTMENT OF ADMINISTRATION
EXECUTIVE BUDGET OFFICE
APPROVAL OF PROJECT INVOLVING LAND ACQUISITION
FOR LIMITED PURPOSES ONLY**

AGENCY: SC Department of Commerce Division of Public Railways - Palmetto Railways

PROJECT NAME: Camp Hall Right of Way Purchases

PROJECT NUMBER: _____ DATE SUBMITTED: 11/8/2017



The approval of this project, which involves the acquisition of land, is for establishment only for the limited purposes of securing: (1) any appraisals which may be required; (2) any land surveying services which may be required; (3) a Phase One Building Condition Assessment on any structures included in the acquisition which may be required; (4) an asbestos survey on any structures included in the acquisition; (5) a Level One Environmental Study for detection of hazardous materials; and (6) any other information desired by the Joint Bond Review Committee or the State Fiscal Accountability Authority which describes further the land proposed to be acquired and the purposes it would serve if acquired.

The agency should forward originals of the appraisal, environmental study and building condition assessment reports to the **Executive Budget Office, Capital Budgeting Unit, 1205 Pendleton Street, Suite 529, Columbia, South Carolina 29201**. We will ensure that the building condition assessment is forwarded and reviewed by the Office of State Engineer.

No authority is given by this approval to acquire any land or to enter into any agreement to acquire land until the required studies have been reviewed by staff and an A-1 form which fully details the project has been reviewed by the Joint Bond Review Committee and approved by the State Fiscal Accountability Authority.

Submission of the A-1 form to finalize the land acquisition, information supplied on the attached format and a letter requesting approval of the acquisition, stating the date by which this approval is required, should be submitted to the Capital Budgeting Unit as noted above.

PROPERTY ACQUISITION INFORMATION FORMAT

PART I

1. Project Number:
2. County: Berkeley
3. Description of Property:
4. Grantor(s) Name and Address: Various
5. Grantee(s) Name and Address: Various
6. County Location: Various
7. Acreage: Approximately 363 acres with some being easements
8. Purpose for Acquisition:
Recent development at Camp Hall Commerce Park has increased the demand for rail service to better serve the transportation, distribution and logistical needs of current and future tenants. Tenants at the Park currently include Volvo Cars, which is a significant driver of the increased need for rail service. Additionally, anticipated supporting industries that may locate near Volvo Cars in the future would likely benefit from rail transportation options.
9. Demonstrate the need to acquire the property:
Property needed for construction of rail line.
10. Purchase Price: \$ 5,500,000
11. Current Year Property Tax Amount: \$ unknown

PART II

1. How many sites were evaluated? Numerous
2. Please list the selection criteria used to evaluate sites.
Numerous routes were evaluated to determine to least impact on the environment, the local community, property owners, and business conditions.
3. How was the final selection of the site made?
The current proposed route dealt with most of these impacts and was the preferred route.

4. Why was this specific site selected?

The current proposed route dealt with most of these impacts and was the preferred route.

5. What are the estimated costs of any construction or renovations to be done on the property and the anticipated source of funds for such work?

It is anticipated that construction of the line will be approximately \$100 million and be funded with a combination of contributions from stakeholders, bonds, grants and agency resources.

6. What are the estimated additional annual operating costs which will result from acquisition of the property and the anticipated source of funds? Explain the factors that determine the cost. If no costs, explain why not.

Minimal cost until the line is completed.

7. What are the estimated additional annual operating costs which will result from construction/renovation on the property and the anticipated source of funds? Explain the factors that determine the costs. If no costs, explain why not.

Operating Cost will depend on rail volume.

**Phase I Environmental Site Assessment
Camp Hall Build-In
Berkeley County, South Carolina
S&ME Project No. 1413-16-118**



Prepared for:
TranSystems
Three Coliseum Centre
2550 West Tyvola Road, Suite 140
Charlotte, North Carolina 28217

Prepared by:
S&ME, Inc.
620 Wando Park Boulevard
Mount Pleasant, SC 29464

June 16, 2017



June 16, 2017

TranSystems
Three Coliseum Centre
2550 West Tyvola Road, Suite 140
Charlotte, North Carolina 28217

Attention: Mr. Robert J. Burnett, P.E.
RJBurnett@transystems.com

Reference: **Phase I Environmental Site Assessment**
Camp Hall Build-In
Berkeley County, South Carolina
S&ME Project No. 1413-16-118

Dear Mr. Burnett:

S&ME, Inc. has completed a Phase I Environmental Site Assessment for the referenced project. The attached report presents the findings of S&ME's Phase I Environmental Site Assessment which was performed in general accordance with ASTM E 1527-13 and S&ME Proposal No. 14-1600323 dated June 20, 2016. The submitted report includes the results of our review of the public record for the subject property, our observations of site conditions, and a summary of environmental conditions based on this information and these observations.

S&ME appreciates the opportunity to provide this Phase I Environmental Site Assessment for this project. Please contact us at your convenience if there are questions regarding the information contained in this report.

Sincerely,

S&ME, Inc.

Norvin C. Duncan
Environmental Professional
nduncan@smeinc.com

Chuck Black, P.E.
Senior Environmental Engineer/V.P.
cblack@smeinc.com



Executive Summary

S&ME, Inc. has completed a Phase I Environmental Site Assessment (ESA), in general accordance with ASTM E 1527-13 for the site described herein as Camp Hall Build-In, or the subject property. Our services were authorized by TranSystems. This summary is intended as an overview of the Phase I ESA, for the convenience of the reader. The complete report must be reviewed in its entirety prior to making decisions regarding this site.

The subject property is an approximately twenty-five (25) mile proposed industrial railroad corridor that will connect to an existing CSX rail network just north of the Santee Cooper Cross Generating Station in Cross, South Carolina and travel south and southwest to the Camp Hall Commerce Park site near Summerville, South Carolina. The right-of-way (width) of the corridor is approximately 200 feet. The proposed rail line may also include a 9,000-foot siding at the north end of the site and a spur to a rail yard at the Volvo Car plant that is currently under construction at the Camp Hall area. We understand that the proposed railroad will be owned and operated by Palmetto Railways.

S&ME contracted Environmental Data Resources, Inc. (EDR) to conduct an environmental database search of the subject property and the surrounding area. One facility, Santee Cooper Cross Generating Station (a coal-fired power generating facility), was identified on the State Hazardous Waste Sites (SHWS), Underground Storage Tank (UST), Leaking Underground Storage Tank (LUST), Solid Waste Facility/Landfill (SWF/LF), and AIRS (air emissions) databases. The subject property routes along the western portion of the generating station near one of the facility's landfill areas and continues to the north to an existing railroad system that delivers coal to the power facility. No other facilities of concern within the specified search distances were identified on the environmental databases reviewed.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 for the Camp Hall Build-In, the subject property. Any exceptions to, or deletions from this practice are described in Section 10 of this report. This Phase I ESA has revealed no evidence of recognized environmental conditions in connection with the subject property, except for the following:

- ♦ The Santee Cooper Cross Generating Station is considered a recognized environmental condition because the operations performed at the facility represent a potential source for soil and groundwater contamination on and under an area of the subject property.



9.0 Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E 1527-13 for the subject property identified as the Camp Hall Build-In located in Berkeley County, South Carolina. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the subject property, except for the following:

- ♦ **The Santee Cooper Cross Generating Station is considered a recognized environmental condition** because the operations performed at the facility represent a potential source for soil and groundwater contamination on and under an area of the subject property.

10.0 Deviations

S&ME has endeavored to perform this Phase I ESA in substantial conformance with the scope and limitations of ASTM Standard Practice E1527-13 without significant deviation. Because of the limited availability of data, the operational history of the subject property was not documented at intervals of approximately 5 years or prior to development, and environmental lien or activity and use limitations information was not provided by the user. In addition, contact information for interviews with past and current property owners was not provided by the user. No other deviations to ASTM Practice E 1527-13 were made in the completion of this Environmental Site Assessment.

11.0 Additional Services

S&ME has also prepared a preliminary geotechnical engineering report for the subject property. This report is being submitted under separate cover.

JOINT BOND REVIEW COMMITTEE
Meeting of December 5, 2017

Item Number 4

AGENCY: Department of Administration, Capital Budget Office

PROJECT/SUBJECT: Additional Permanent Improvement Project Requests

There are 23 additional Permanent Improvement projects pending as follows:

- 15 Establish Phase I, Pre-Design Budget
- 1 Revise Scope
- 4 Establish Phase II, Construction Budget
- 1 Revise Scope and Increase Phase II, Construction Budget
- 1 Preliminary Land Acquisition
- 1 Final Land Acquisition

COMMITTEE ACTION:

Review and make recommendation regarding permanent improvement projects for transmittal to State Fiscal Accountability Authority or Department of Administration.

ATTACHMENTS:

Agenda Item Worksheet - Summary 3-2018

JOINT BOND REVIEW COMMITTEE AGENDA ITEM WORKSHEET

Capital Budget Office

SUMMARY 3-2018

Summary of Permanent Improvement
11/13/2017

Forwarded to JBRC

Project Actions Proposed by Agencies
September 13, 2017 through November 6, 2017

Permanent Improvement Projects

Summary Background Information:

Establish Project for A&E Design

- (a) Summary 3-2018: JBRC Item 1. (H12) Clemson University
Project: 9936, Softball Complex Construction
Included in Annual CIP: Yes – CIP Priority 4 of 7 in FY18
JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: 11/2/17

Ref: Supporting document pages 1-7

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Athletic Gifts and Donations	0.00	0.00	0.00	300,000.00	300,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>300,000.00</u>	<u>300,000.00</u>

Funding Source: \$300,000 Other, Athletic Gifts and Donations, which are amounts received from individuals, corporations and other entities that are to be expended in support of the Athletic Department.

Request: Establish project and budget for \$300,000 (Other, Athletic Gifts and Donation Funds) to begin pre-design work to construct a softball complex at Clemson University, which will support the newly announced softball program that will begin play in January 2020. The Phase I pre-design budget is requested at 2.3% of the estimated project cost and the additional amount will allow the University to provide for the costs of an alternative construction delivery method (Construction Manager at Risk), the LEED/Green Globes certification, and the required LEED/Green Globes cost benefit analysis. The complex will include an NCAA-standard playing field, stadium stands with capacity of approximately 1,000, a working press box and ACC Network support functions, concessions, restrooms, a ticket booth and parking. It will also include an approximately 10,000 square foot player operations facility with dugouts, locker rooms, and lounge and meeting spaces for team practice and game functions. The substitution of softball for diving, which has been eliminated, helps to better align Clemson's sports offerings to serve the residents of South Carolina, as softball has wide participation in the state's middle and high schools. In addition, the ability to compete for championships on the conference and national levels is enhanced with

the addition of softball. This project is essential for Clemson to continue fulfilling its Title IX obligations and provide equal accessibility to male and female athletes. It allows the university to provide a Clemson education to South Carolina student athletes who wish to play varsity softball and provides a suitable venue for practice and competition. Having appropriate facilities at program inception will assist with recruiting and developing student athletes and generate revenue for the Athletic Department. Various locations on campus were considered, with the best location contiguous to the Doug Kingsmore baseball stadium. This co-location will create common entry and plaza spaces for both the softball and baseball facilities, along with adjacent programmable practice areas. Annually, the facility will be used by 20 team members, 10 coaches and staff, and will be open to all Clemson students free of charge. Additionally, 15,000 non-student fans are expected to attend games annually and approximately 1,000 summer league team members and fans will use the complex. The agency estimates that the completed project will cost approximately \$13,000,000 with additional annual operating costs of \$115,000 in year 1, \$118,450 in year 2, and \$122,003 in year 3.

- (b) Summary 3-2018: JBRC Item 2. (H12) Clemson University
 Project: 9937, Center for Manufacturing Innovation Building Renovation
 Included in Annual CPIP: Yes – CPIP Priority 7 of 7 in FY18
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: 11/2/17

Ref: Supporting document pages 8-14

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Maintenance and Stewardship	0.00	0.00	0.00	75,000.00	75,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>75,000.00</u>	<u>75,000.00</u>

Funding Source: \$75,000 Other, Maintenance and Stewardship, which are tuition, matriculation and other debt retirement and plant transfers revenues that are not formally obligated to fund debt service in the current period and that are transferred to and managed by the State Treasurer until the time of their State Treasurer approved qualified use.

Request: Establish project and budget for \$75,000 (Other, Maintenance and Stewardship Funds) to begin pre-design work to renovate approximately 10,000 square feet in the Center for Manufacturing Innovation Building (CMI) at CU-ICAR for the Clemson Composites Center (CCC). The Phase I pre-design budget is requested at 1.8% of the estimated project cost and the additional amount will allow the University to provide for the costs of design for specialized equipment for research in the automotive manufacturing industry that must be installed in the space to be renovated. This equipment has a heavy utility and infrastructure demand which will require the design team to do additional work for the schematic design package. The CMI is a joint venture between Clemson University and Greenville Technical College (GTC) with support from the SC Department of Commerce and major private corporations, such as BMW, to provide an educated workforce to growing automotive and advanced manufacturing industries in SC. The CMI building was approved by CHE, JBRC and SFAA in 2014 and was constructed by Greenville Technical College at the CU-ICAR campus. This project represents Clemson's contribution to the joint venture. The Clemson Composites Center will provide a certificate program in Advanced Manufacturing for Clemson undergraduates, as well as new programs that will be offered by GTC. The space currently has finished walls, concrete floors, lighting, fire protection, alarm systems and HVAC. The renovation will provide the infrastructure to support the CCC's equipment to be installed in the facility. The work will include demolishing floors and providing new foundations, constructing a structural mezzanine for equipment and storage, constructing a chemical lab for the center, making HVAC, electrical, plumbing and related upgrades to accommodate the renovations, and constructing an exterior loading area for heavy truck traffic. In addition to providing a certificate program for Clemson students, the CCC will provide an advanced research facility for Clemson Automotive Engineering with state-of-the-art instruments and equipment. It will be available for research and industry trials that will contribute to the success of composite material suppliers in SC and make the region more attractive for those contemplating a move. It will allow researchers, working closely with companies, to speedily translate the results of their research into products and companies to test their ideas before entering the marketplace. The renovated space will be used by approximately 35 graduate and undergraduate students, 3 faculty members and 4 staff. Additionally, engineers

working for industry clients of the center will also use the facility. The agency estimates that the completed project will cost approximately \$4,000,000 with additional annual operating costs of \$32,500 in year 1, \$66,950 in year 2, and \$68,958 in year 3.

- (c) Summary 3-2018: JBRC Item 3. (H17) Coastal Carolina University
 Project: 9614, Williams Brice Renovation and Repair
 Included in Annual CPIP: Yes – CPIP Priority 1 of 1 in FY18
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: 10/5/17

Ref: Supporting document pages 15-25

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Renovation Reserve/Plant Expansion	0.00	0.00	0.00	37,500.00	37,500.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>37,500.00</u>	<u>37,500.00</u>

Funding Source: \$37,500 Other, Renovation Reserve/Plant Expansion, which are funds used for renovations, repairs, and additions to existing facilities and for acquisitions for plant expansion. This is in compliance with section 59-136-130(10) of the SC Code of Laws. \$150 per full-time student per semester is charged as part of the Tuition and Required fees. This fee has been in place since fiscal year 2007 at the same amount.

Request: Establish project and budget for \$37,500 (Other, Renovation Reserve/Plant Expansion Funds) to renovate the HVAC system and life safety system at the Williams Brice Physical Education Center. A new chilled water/hot water 4-pipe system and VAV air handling system will enhance the building's dehumidification and the occupant's comfort levels. Additional renovations include removing the existing ceiling and replacing it with a suspended ceiling and associated lighting and installation of a new mass notification system. The existing HVAC system has expired its anticipated life expectancy. The 46 year old, 33,968 square foot Williams Brice Building was built in 1971, and has since had changes to the original design. This has resulted in equipment locations being difficult to access for maintenance, and the system not dehumidifying properly. The hot water heating boiler is inefficient and starting to require frequent repairs. The existing alarm system does not include a mass notification function. The planned renovation will address these issues. Williams-Brice houses approximately 260 students and contains 23 administrative offices housing 38 employees of the university. The agency estimates that the completed project will cost approximately \$2,500,000 and no additional annual operating costs will result from the project.

- (d) Summary 3-2018: JBRC Item 4. (H27) University of South Carolina - Columbia
 Project: 6122, Speech and Hearing Upfit for the Dept. of Communication Sciences & Disorders
 Included in Annual CPIP: Yes – CPIP Priority 4 of 9 in FY18
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: 11/2/17

Ref: Supporting document pages 26-38

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Gifts	0.00	0.00	0.00	30,000.00	30,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>30,000.00</u>	<u>30,000.00</u>

Funding Source: \$30,000 Other, Gifts, which are funds received from a private donor. In this case, they are reserved specifically for this project.

Request: Establish project and budget for \$30,000 (Other, Gift Funds) to renovate and upfit up to 20,000 square feet of available space in the Close-Hipp academic building to accommodate the Speech and Hearing Department of Communication Science and Disorders. The Speech and Hearing Department currently resides in private lease space on Lady Street in the City of Columbia and their lease term ends in the summer of 2019. The renovation and upfit will create academic space, computer labs, clinical exam rooms, faculty offices and allow for needed growth in the program. The project will enable the Speech and Hearing Department to avoid future lease payments and improve connectivity with the campus benefiting the students and faculty in the academic program. The Close Building was built in 1973 and the Hipp Building was built in 1983. The total square footage of the Close-Hipp Building is 341,000 square feet. Approximately 80 students will use the space with an additional 135 students involved through distance education. 25 faculty members will also use the space. Clients who visit the clinic will make an estimated 6,000 visits annually based on previous data. The agency estimates that the completed project will cost approximately \$2,000,000 with additional annual operating cost savings of \$256,277 in years 1 thru 3.

- (e) Summary 3-2018: JBRC Item 5. (D50) Department of Administration
 Project: 9997, Dennis Building and Blatt Building – Elevator Modernization
 Included in Annual CPIP: Yes – CPIP Priority 1 & 8 of 11 in FY18
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 39-43

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Depreciation Reserve	0.00	0.00	0.00	42,375.00	42,375.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>42,375.00</u>	<u>42,375.00</u>

Funding Source: \$42,375 Other, Depreciation Reserve, which is derived from the rent account which receives rent charged to agencies.

Request: Establish project and budget for \$42,375 (Other, Depreciation Reserve Funds) to obtain the preliminary design and cost estimate for the modernization of 4 traction passenger elevators and 1 traction freight elevator in the Rembert Dennis Building and 4 passenger elevators at the Blatt Building. The Dennis elevators service approximately 750 building staff from the office of the Attorney General, Revenue and Fiscal Affairs Office, the Department of Natural Resources and the Legislative Council of the General Assembly. The Blatt elevators service 345 employees, staff and visitors to the building annually. The Dennis Building elevators are 39 years old and the Blatt elevators are 40 years old. There has been an increase in the number of elevator issues including entrapments over the last few years and it is difficult to maintain both elevators due to their age as parts are not readily available. The agency estimates that the completed project will cost approximately \$2,825,000 and no additional annual operating costs will result from the project.

- (f) Summary 3-2018: JBRC Item 6. (E24) Office of the Adjutant General
Project: 9807, MTC Bldg 3800 HVAC Replacement
Included in Annual CPIP: Yes – CPIP Priority 17 of 21 in FY18
JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 44-50

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Federal, National Guard Bureau	0.00	0.00	0.00	7,020.00	7,020.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>7,020.00</u>	<u>7,020.00</u>

Funding Source: \$7,020 Federal, National Guard Bureau, which is funding identified as part of the Construction and Facilities Management Office's Master Cooperative Agreement through the Office of the Adjutant General and from the National Guard Bureau.

Request: Establish project and budget for \$7,020 (Federal, Federal Bureau of Investigation Funds) to replace the six (6) HVAC units on the 19 year old 160,342 square foot Regional Training Institute, Building 3800 on the McCrady Training Center. The HVAC units that support the RTI were installed in 1998 and are nearing the end of their serviceable life. The RTI has been plagued with HVAC failures and repairs over the past few years, which has directly affected their Federal mission which supports the US Army's Training and Doctrine Command (TRADOC). This facility is utilized by the SC Army National Guard to provide professional military education to soldiers. It houses approximately 80 full-time instructors and staff, and provides military education to approximately 3,000 students annually. The agency estimates that the completed project will cost approximately \$468,000 with additional annual operating cost savings of \$20,000 in years 1 thru 3.

- (g) Summary 3-2018: JBRC Item 7. (E24) Office of the Adjutant General
 Project: 9808, Orangeburg RC Organizational Parking (Unsurfaced)
 Included in Annual CPIP: Yes – CPIP Priority 3 of 21 in FY18
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 51-57

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Appropriated State	0.00	0.00	0.00	28,000.00	28,000.00
Federal, National Guard Bureau				28,000.00	28,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>56,000.00</u>	<u>56,000.00</u>

Funding Source: \$28,000 Appropriated State. \$28,000 Federal, National Guard Bureau, which is funding identified as part of the Construction and Facilities Management Office's Master Cooperative Agreement through the Office of the Adjutant General and from the National Guard Bureau.

Request: Establish project and budget for \$56,000 (Appropriated State and Federal, Federal Bureau of Investigation Funds) to grade the existing Organizational Parking area, install catch basins and 18" storm drainage piping, construct stormwater retention area, compact subgrade, install geofabric, and placing and compacting up to 4" of asphalt millings. The Phase I pre-design budget is requested at 17% of the estimated project cost and the additional amount will allow for the extensive planning and design needed to correct the damage in this existing parking area. The existing parking area cannot be properly utilized due to drainage issues causing extreme wet areas. Re-grading of the parking area with the installation of catch basins, storm water piping and the retention area will improve the removal of storm water. This along with the installation of geofabric and asphalt millings will allow for the use of the entire unsurfaced parking area. The 46 year old armory is utilized by the SC Army National Guard's 218th Maneuver Enhancement Brigade (MEB) and visitors of the Orangeburg Armory. There are 151 soldiers assigned to this armory of the 218th Maneuver Enhancement Brigade. The agency estimates that the completed project will cost approximately \$324,000 with additional annual operating costs of \$500 in years 1 thru 3.

- (h) Summary 3-2018: JBRC Item 8. (E24) Office of the Adjutant General
 Project: 9809, McEntire Secure Area Facility
 Included in Annual CPIP: Yes – CPIP Priority 2 of 21 in FY18
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 58-66

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Federal, National Guard Bureau	0.00	0.00	0.00	83,250.00	83,250.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>83,250.00</u>	<u>83,250.00</u>

Funding Source: \$83,250 Federal, National Guard Bureau, which is funding identified as part of the Construction and Facilities Management Office's Master Cooperative Agreement through the Office of the Adjutant General and from the National Guard Bureau.

Request: Establish project and budget for \$83,250 (Federal, Federal Bureau of Investigation Funds) to construct a new approximately 5,000 square foot Secure Area Facility for housing the SCARNG's new Cyber Protection Battalion, which has 95 soldiers. The Phase I pre-design budget is requested at 4% of the estimated project cost and the additional amount will be used for very complex pre-design that is needed with the IT capabilities. The Secure Area Facility is required for the SCARNG to comply with National Guard Bureau Directive, which has stringent security requirements that necessitate its construction on McEntire Joint National Guard Base. This facility will also meet the requirements for stationing the Cyber Protection Battalion. The agency estimates that the completed project will cost approximately \$1,936,749.44 with additional annual operating costs of \$30,000 in years 1 thru 3.

- (i) Summary 3-2018: JBRC Item 9. (J16) Department of Disabilities & Special Needs
 Project: 9914, Midland Center – Palmetto Dorm-Renovate Bathing, Toilet & Dining Areas
 Included in Annual CPIP: Yes – CPIP Priority 1 of 4 in FY18
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 67-76

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u> <u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Excess Debt Service	0.00	0.00	0.00	7,200.00	7,200.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>7,200.00</u>	<u>7,200.00</u>

Funding Source: \$7,200 Excess Debt Service, which are funds invested and held by the State Treasurer's Office on behalf of SCDDSN and are comprised of revenues of the commission that exceeds the payment due or to become due during the then current fiscal year and an additional sum equal to the maximum annual debt service requirement of the obligations for a succeeding fiscal year.

Request: Establish project and budget for \$7,200 (Excess Debt Service Funds) to begin Phase I to renovate Palmetto Dorm (#2020) bathing, toilet, and dining areas to provide a more functional, independent environment for active ambulatory consumers with intellectual disabilities. The current building design does not promote independence and privacy, as the existing layout was intended for more dependent, non-ambulatory consumers. The current spaces offer very little privacy, resulting in negative behaviors and disruption. This project will cover 2,121 square feet of the 11,565 square foot 46 year old Palmetto Building. This facility is utilized by 15 stakeholders plus 23 staff. The agency estimates that the completed project will cost approximately \$480,000 and no additional annual operating costs will result from the project.

- (j) Summary 3-2018: JBRC Item 10. (J16) Department of Disabilities & Special Needs
 Project: 9915, Coastal Center – Roof Replacement-Admin., Highlands 210, Warehouse/Annex
 Included in Annual CPIP: Yes – CPIP Priority 2 of 4 in FY18
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 77-88

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Excess Debt Service	0.00	0.00	0.00	9,000.00	9,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>9,000.00</u>	<u>9,000.00</u>

Funding Source: \$9,000 Excess Debt Service, which are funds invested and held by the State Treasurer's Office on behalf of SCDDSN and are comprised of revenues of the commission that exceeds the payment due or to become due during the then current fiscal year and an additional sum equal to the maximum annual debt service requirement of the obligations for a succeeding fiscal year.

Request: Establish project and budget for \$9,000 (Excess Debt Service Funds) to begin Phase I design to replace old roofing at DDSN Coastal Center's Administration, Highlands 210, Kitchen, Warehouse and Annex buildings in Summerville, SC. Requests include both low slope and sloped roofing surfaces. These 20+ year old roofing surfaces are near the end of their life cycle and should be replaced with new roofing. The existing shingle, and/or modified bitumen roofs are deteriorated and rapidly approaching life expectancy. Attempts to patch and repair will no longer maintain the building structures and interiors in safe and healthy condition. The sloped roofing surfaces will be replaced with asphalt shingles that include a 50 year pro-rated material warranty. The low-sloped roofing surfaces will be replaced with modified bitumen that include a 20 year non-prorated material warranty. These 51 year old buildings serve essential functions, thus must either be re-roofed or replaced with new structures. Due to health and safety concerns for those with disabilities serviced in these buildings, roof replacement is the only responsible alternative, other than replacing the buildings with new buildings. The combined square footage for these buildings is 28,624 square feet and they are utilized by a total of 39 stakeholders. The agency estimates that the completed project will cost approximately \$600,000 and no additional annual operating costs will result from the project.

- (k) Summary 3-2018: JBRC Item 11. (J16) Department of Disabilities & Special Needs
 Project: 9916, Coastal Center – HVAC System Replacement
 Included in Annual CPIP: Yes – CPIP Priority 3 of 4 in FY18
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 89-99

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Excess Debt Service	0.00	0.00	0.00	12,675.00	12,675.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>12,675.00</u>	<u>12,675.00</u>

Funding Source: \$12,675 Excess Debt Service, which are funds invested and held by the State Treasurer's Office on behalf of SCDDSN and are comprised of revenues of the commission that exceeds the payment due or to become due during the then current fiscal year and an additional sum equal to the maximum annual debt service requirement of the obligations for a succeeding fiscal year.

Request: Establish project and budget for \$12,675 (Excess Debt Service Funds) to begin Phase I design to replace building systems and components at DDSN Coastal Center's Highlands 110, Highlands 510 and Hillside 520 buildings in Summerville, SC. Requests include replacing aging fan coil system in classroom/office/medical areas of Highlands 510; replacing aging heat pumps at Highlands Dorm 110; and replacing the 24 year old chiller and other HVAC components at Hillside Dorm 520. The existing 23 year old Highlands 510 HVAC system is at the end of its useful life, undependable, energy inefficient, and difficult to maintain in operable condition. Fan coils are not supported by manufacturer and chillers have multiple problems causing a constant state of repairs. Roof top units at Highlands Dorm 110 are more than 20 years old, inefficient, and in constant need of repairs. Two chillers of identical vintage to the Hillside Dorm 520 chiller failed and have been replaced at adjacent buildings. Due to health and safety concerns for those with disabilities serviced in these buildings, system replacement is the only responsible alternative, other than replacing the buildings with new buildings. The combined square footage for these buildings is 31,820 square feet and they are utilized by a total of 50 stakeholders. The agency estimates that the completed project will cost approximately \$845,000 and no additional annual operating costs will result from the project.

- (I) Summary 3-2018: JBRC Item 12. (J16) Department of Disabilities & Special Needs
 Project: 9917, Pee Dee Region – Gymnasium HVAC System Replacement
 Included in Annual CIP: Yes – CIP Priority 3 of 4 in FY18
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 100-109

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Excess Debt Service	0.00	0.00	0.00	3,735.00	3,735.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>3,735.00</u>	<u>3,735.00</u>

Funding Source: \$3,735 Excess Debt Service, which are funds invested and held by the State Treasurer's Office on behalf of SCDDSN and are comprised of revenues of the commission that exceeds the payment due or to become due during the then current fiscal year and an additional sum equal to the maximum annual debt service requirement of the obligations for a succeeding fiscal year.

Request: Establish project and budget for \$3,735 (Excess Debt Service Funds) to begin Phase I to replace aging boiler, chiller and air handlers (installed in 1985), with package units at the Pee Dee Center Gymnasium. The new systems will be two gas package units on the low roof. Ductwork will be routed through the existing wall to the gym space. Two ductless split units will condition the two office areas. Duct will be routed from the package units to the storage rooms. Existing duct to the kitchenette will be connected. The existing gymnasium HVAC system is at the end of its useful life, undependable, energy inefficient, and currently no longer in operable condition. Due to health and safety concerns for those with disabilities serviced in this building, system replacement is the only responsible alternative, other than replacing the building with a new building. The gymnasium is 63 years old and the HVAC system being replaced is 32 years old. The facility is utilized by 150 stakeholders. The agency estimates that the completed project will cost approximately \$300,000 and no additional annual operating costs will result from the project.

- (m) Summary 3-2018: JBRC Item 13. (J16) Department of Public Safety
Project: 9609, DPS/DMV Blythewood Headquarters Roof Retrofit
Included in Annual CIP: Yes – CIP Priority 1 of 1 in FY18
JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 110-116

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Sale of Highway Patrol Assets	0.00	0.00	0.00	28,000.00	28,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>28,000.00</u>	<u>28,000.00</u>

Funding Source: \$28,000 Other, Sale of Highway Patrol Assets, which are proceeds that came from the sale of the Otranto building in Charleston, SC.

Request: Establish project and budget for \$28,000 (Other, Sale of Highway Patrol Asset Funds) to begin Phase I to retrofit the roofs at the DPS and DMV Blythewood Headquarters Buildings. The Phase I pre-design budget is requested at 4.0% of the estimated project cost and the additional amount will allow for testing to be completed that will locate the source of the leaks and the extent of damaged materials, as well as load calculations to determine if a roof membrane could be installed over existing insulation. Two different options have been presented, the first of which would be to replace all insulation and apply a new roofing system to include all new flashing, new pavers and new ballast as required at an estimated cost of \$1,098,418.75. This option is the most disruptive to the agency, leaving the building open to damage from weather. A 25 to 30 year warranty could possibly be obtained but may be at an increased cost. The second option is to perform infrared testing to locate wet insulation and replace the wet insulation as required. New 60 Mil EPDM would be applied over the existing 45 Mil membrane and flashing, pavers and ballast would be replaced as required. This is the best value and the least disruptive for the agency. This would be the most effective solution, and would provide a watertight roof with a 20 year warranty. The current roof system is an EPDM ballasted single-ply membrane roof and will be replaced with the same, except that the current membrane is thinner than the new one to be installed over it. The roofs are original to these approximately 20 year old DPS and 25 year old DMV buildings. When the property was acquired by the state in 2003, many repairs had already been made, due to the complexity of the roof layouts and the amount of HVAC equipment they carry. A repair project was completed about 5 years ago, however, only areas (mostly at the DMV building), that were a concern at the time were addressed. Since then, the roofs have degraded at certain areas such that offices and their contents are now being damaged and cannot be used. In-house repairs have been attempted, but leaks persisted. Both 5 story facilities total 282,785 square feet with the DPS Headquarters roof being 23,800 square feet and the DMV Building roof being 35,800 square feet. There is a connector between the two buildings with a 1,850 square foot roof. The DPS Headquarters Building houses the Executive and Administrative staff, Highway Patrol, State Transport Police, Highway Safety and Regional Telecommunications (911). The DMV Headquarters Building houses the Executive and Administrative staff, call center and DMV branch office. The agency estimates that the completed project will cost approximately \$700,000 with additional annual operating cost savings of \$10,000 in years 1 thru 3.

(n) Summary 3-2018: JBRC Item 14. (N12) Department of Juvenile Justice

Project: 9606, Coastal Regional Center

Included in Annual CPIP: No

JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 117-134

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Appropriated State, FY17 Carryforward	0.00	0.00	0.00	142,500.00	142,500.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>142,500.00</u>	<u>142,500.00</u>

Funding Source: \$142,500 Appropriated State, FY17 Carryforward Funds.

Request: Establish project and budget for \$142,500 (Appropriated State, FY17 Carryforward Funds) to implement regionalization across the state. The Phase I pre-design budget is requested at 3.8% of the estimated project cost and the additional amount will provide for utility and environmental studies, surveying (topography), soil testing, programming, space allocation, construction management and travel for A&E vendor to/from location. This project will address the needs at the Coastal Regional Center located in Ridgeville, which will accommodate the programs needed for juveniles in the coastal area of SC. Regionalization represents a fundamental shift in how committed youth will be served by the juvenile justice system. It will allow youth to be housed closer to their home communities instead of committing them to distant state facilities. Regionalization brings neighboring counties together to share resources and services to better serve youth close to their homes. Other advantages of regionalization include increased family engagement, transitional programming and contact with other providers, community resources, and parole and probation proficiency. A smaller population of youth in each center may also reduce gang issues and behavior issues. This project will include the construction of a multi-purpose building for clinical, program and security staff, vocational classrooms for the juveniles; security upgrades to include the expansion/new construction of perimeter fencing; and expanding the footprint of the property by creating new recreational space. Even though this project request is for the Coastal Center, all 3 current evaluation centers will eventually be included in this reorganization as separate projects. The new regional center building to be constructed will be an 11,000 square foot pre-engineered building, and will accommodate 175 juveniles. This building will have a masonry base and metal wall panels with a standing-seam sloped metal roof. The recreation space will include indoor and outdoor space to include a soccer field with running track and basketball courts. There is an existing Coastal Evaluation Center, constructed in 2002, located on the 11 acre property that will also continue to be used as part of the Coastal Regional Center but it will not be renovated in this project. The agency estimates that the completed project will cost approximately \$3,676,286.25 and additional annual operating costs have not yet been determined.

- (o) Summary 3-2018: JBRC Item 15. (N12) Department of Juvenile Justice
 Project: 9607, Upstate Regional Center
 Included in Annual CIP: No
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 135-152

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Appropriated State, FY17 Carryforward	0.00	0.00	0.00	142,500.00	142,500.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>142,500.00</u>	<u>142,500.00</u>

Funding Source: \$142,500 Appropriated State, FY17 Carryforward Funds.

Request: Establish project and budget for \$142,500 (Appropriated State, FY17 Carryforward Funds) to implement regionalization across the state. The Phase I pre-design budget is requested at 3.8% of the estimated project cost and the additional amount will provide for utility and environmental studies, surveying (topography), soil testing, programming, space allocation, construction management and travel for A&E vendor to/from location. This project will address the needs at the Upstate Regional Center located in Union, which will accommodate the programs needed for juveniles in the upstate area of SC. Regionalization represents a fundamental shift in how committed youth will be served by the juvenile justice system. It will allow youth to be housed closer to their home communities instead of committing them to distant state facilities. Regionalization brings neighboring counties together to share resources and services to better serve youth close to their homes. Other advantages of regionalization include increased family engagement, transitional programming and contact with other providers, community resources, and parole and probation proficiency. A smaller population of youth in each center may also reduce gang issues and behavior issues. This project will include the construction of a multi-purpose building for clinical, program and security staff, vocational classrooms for the juveniles; security upgrades to include the expansion/new construction of perimeter fencing; and expanding the footprint of the property by creating new recreational space. Even though this project request is for the Upstate Center, all 3 current evaluation centers will eventually be included in this reorganization as separate projects. The new regional center building to be constructed will be an 11,000 square foot pre-engineered building, and will accommodate 190 juveniles. This building will have a masonry base and metal wall panels with a standing-seam sloped metal roof. The recreation space will include indoor and outdoor space to include a soccer field with running track and basketball courts. There is an existing Upstate Evaluation Center, constructed in 1997, located on the 17 acre property that will also continue to be used as part of the Upstate Regional Center but it will not be renovated in this project. The agency estimates that the completed project will cost approximately \$3,676,286.25 and additional annual operating costs have not yet been determined.

Revise Scope

(p) Summary 3-2018: JBRC Item 16. (D10) South Carolina Law Enforcement Division

Project: 9525, SLED Information Technology Area Remodel

Included in Annual CPIP: Yes, CPIP Priority 2 of 2 in FY18

JBRC/SFAA Phase I Approval: January 2017

CHE Recommended Approval: N/A

Ref: Supporting document pages 153-170

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Agency Cash Balances	21,000.00	0.00	21,000.00	0.00	21,000.00
All Sources	<u>21,000.00</u>	<u>0.00</u>	<u>21,000.00</u>	<u>0.00</u>	<u>21,000.00</u>

Funding Source: \$21,000 Other, Agency Cash Balances, which is funding generated from the Record Search Fee.

Request: Revise Scope (add \$0 Other, Agency Cash Balance Funds) to demolish the existing interior space in the CJIS building and replace it with new work space that blends a combination of closed offices with open office systems furniture to provide an efficient and positive workspace for the division's staff. Phase I of this project was approved at the JBRC Staff level with a total estimated project cost of \$225,000. The Phase I request did not include the furnishings needed to complete this project which total \$169,000. It was only recently discovered that those items could, and should, be included in the capital project request. Additionally, for the Phase I estimate, the architect developed a number based on standard remodeling costs and the number of square feet involved. For the Phase II development, the preliminary construction documents were used by a professional estimator, and the following significant items emerged; a) the asbestos site survey identified asbestos in the mastic on the HVAC ductwork as well as the mastic under the tile. The asbestos situation in the HVAC lines necessitated the complete removal of existing HVAC ductwork, remediation of the asbestos, and the replacement with new trunk and branch lines. Abatement and new HVAC distribution lines are estimated at \$76,000. b) the electrical distribution system in the area was determined to be inadequate and requires the installation of new distribution panels which will cost \$134,000. c) The estimator has advised that the materials and general conditions overall have been impacted by the economy and the current very brisk building industry resulting in higher overhead and profit margin percentages of contractors. As a result of all of these factors combined, a higher total estimated cost is needed than previously expected to complete the project. SLED's Information Systems operation is housed in the only area that has not undergone a recent renovation in the CJIS building, which was constructed in 1978. The current space is dirty, worn and dysfunctional in design. The majority of the workspaces are an aged hard constructed form of "open office" that is neither functional nor efficient in design. The space is short of closed offices for managers and other staff members requiring confidential work space. The lighting is poor and electrical and HVAC systems are insufficient to support operating needs. The area cannot be configured to meet the division's physical security needs and the existing space is inflexible in layout and does not support the adjacencies required for effective work flows. Approximately 4,175 square feet is included in the renovation which is utilized by 50

IT staff members. The agency estimates that the completed project will cost approximately \$756,072 and no additional annual operating costs will result from this project. The agency also reports the projects date for execution of the construction contract is March 2018 and for completion of construction is July 2018.

Establish Construction Budget

(q) Summary 3-2018: JBRC Item 17. (H17) Coastal Carolina University

Project: 9613, Ingle Residence Hall Renovation

Included in Annual CPIP: Yes – CPIP Priority 1 of 3 in FY17

JBRC/SFAA Phase I Approval: March 2017

CHE Recommended Approval: 10/5/17 with contingency

Ref: Supporting document pages 171-200

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Student Housing Revenue Funds	57,000.00	0.00	57,000.00	3,743,000.00	3,800,000.00
All Sources	<u>57,000.00</u>	<u>0.00</u>	<u>57,000.00</u>	<u>3,743,000.00</u>	<u>3,800,000.00</u>

Funding Source: \$3,800,000 Other, Student Housing Revenue, which is generated through housing rates charged to students who are living in campus halls. The student rate is based on the number of bedrooms per suite or apartment, and location of the residence hall, which is approved each year by the Board of Trustees. The university did not increase housing rates on any level in FY17 or FY18.

Request: Increase budget to \$3,800,000 (add \$3,743,000 Other, Student Housing Revenue Funds) to move forward with the renovation of the HVAC system in the Ingle Residence Hall. The plan is to convert the HVAC currently in the building from a 2-pipe to a 4-pipe system which will result in balanced airflow in rooms and common areas throughout the year. Additionally, IT, fire sprinkler and mass notification systems will be enhanced to provide full coverage of the building and upgrade each system to current codes. The existing HVAC system is inadequate in its operation to provide year round cooling and heating to the occupants of the building. The existing fire alarm system does not include a mass notification function. Adding this functionality will improve communication between fire and life safety and the resident students in emergency situations. The building was constructed in 2000, is 80,536 square feet, houses approximately 400 students and contains four administrative offices. There is one professional staff apartment as well. Due to normal wear and tear, the University Repair and Maintenance schedule dictates that these structural repairs are needed to assure that this building maintains a safe and healthy living environment for students and working environment for staff. The agency estimates that the completed project will cost approximately \$3,800,000 and no additional annual operating costs will result from the project. The agency also reports the projects date for execution of the construction contract is May 2018 and for completion of construction is July 2019.

- (r) Summary 3-2018: JBRC Item 18. (D50) Department of Mental Health
 Project: 9755, Upgrade of Lodges A, B, F, G and H to Eliminate Safety Risks
 Included in Annual CPIP: Yes – CPIP Priority 4 of 5 in FY18
 JBRC/SFAA Phase I Approval: June 2017

CHE Recommended Approval: N/A

Ref: Supporting document pages 201-218

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Capital Improvement & Maintenance	11,250.00	0.00	11,250.00	453,285.00	464,535.00
All Sources	<u>11,250.00</u>	<u>0.00</u>	<u>11,250.00</u>	<u>453,285.00</u>	<u>464,535.00</u>

Funding Source: \$464,535 Other, Capital Improvement & Maintenance Fund, which is authorized by Proviso 35.7 to allow an interest bearing fund with the State Treasurer to deposit funds appropriated for deferred maintenance and other one-time funds from any source. After receiving any required approvals, the department is authorized to expend these funds for the purpose of deferred maintenance, capital projects, and ordinary repair and maintenance.

Request: Increase budget to \$464,535 (add \$453,285 Other, Capital Improvement & Maintenance Funds) for the Phase II design and construction for renovations in two (Lodges G & H), of the five lodges cited in the December 2015 Joint Commission for Hospital Accreditation as having multiple ligature risks in the bathrooms. In this report Bryan Psychiatric Hospital was cited for multiple ligature risks in the bathrooms in Lodges A, B, F, G and H. The Lodges are all occupied and will require work to be completed utilizing a phased approach. In order to eliminate these risks it will require the change out of hinges, lights, locks, sinks and other potential attachment points. A prototype bathroom has been approved by Hospital Risk Management staff. Each lodge includes an average of 33 patient beds with 25 patient bathrooms and is approximately 13,000 square feet. The total average patient bathroom square footage is 1,034 square foot per lodge. The current population for the 5 lodges includes 166 clients and up to 90 staff per shift. The lodges are approximately 40 years old and the proposed renovations have never been addressed in previous renovations. In the Phase I request it was estimated that the 5 lodge renovations would cost approximately \$150,000 each. Subsequent to the Phase I approval, Lodge E, which has been used as swing space for recent renovation work to other Lodges, has been occupied by the Forensics Program. All work will now occur in occupied spaces, restricting the number of bathrooms that can be worked on at one time (3 vs. 9). Recent upgrades on a smaller scale using an IDC contractor in a then occupied Lodge E indicates that the costs of completing the upgrades in fully occupied spaces will be higher than forecasted. As a result, it is now estimated that the cost to complete the renovations for each of the 5 lodges, will be approximately \$232,267 each. The agency estimates that completion of the work for Lodges G & H will cost approximately \$464,535 with the future completion of all 5 lodges estimated at approximately \$1,161,000 with additional annual operating costs of \$4,000 in years 1 thru 3, as a result of expected abuse of the property. The agency also reports the projects date for execution of the construction contract is May 2018 and for completion of construction is September 2018.

- (s) Summary 3-2018: JBRC Item 19. (J12) Department of Mental Health
 Project: 9757, Roof Replacement at Orangeburg Mental Health Center
 Included in Annual CPIP: Yes – CPIP Priority 5 of 5 in FY18
 JBRC/SFAA Phase I Approval: August 2017

CHE Recommended Approval: N/A

Ref: Supporting document pages 219-230

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Capital Improvement & Maintenance	7,500.00	0.00	7,500.00	568,000.00	575,500.00
All Sources	<u>7,500.00</u>	<u>0.00</u>	<u>7,500.00</u>	<u>568,000.00</u>	<u>575,500.00</u>

Funding Source: \$575,500 Other, Capital Improvement & Maintenance Funds, which is authorized by Proviso 35.7 to allow an interest bearing fund with the State Treasurer to deposit funds appropriated for deferred maintenance and other one-time funds from any source. After receiving any required approvals, the department is authorized to expend these funds for the purpose of deferred maintenance, capital projects, and ordinary repair and maintenance.

Request: Increase budget to \$575,500 (add \$568,000 Other, Capital Improvement & Maintenance Funds) for the Phase II design and construction for the replacement of the existing 20 year old asphalt shingle roof over a plywood deck. Phase I was approved with a total estimated project cost of \$500,000 which was based on a flat \$12 per square foot for the roof area. During the phase I evaluation, the roofing consultant did a more detailed and accurate breakdown based on the roofing details observed in the field, including the need for venting modifications which should lead to a longer roof life. The existing roof is in poor condition, with widespread cracking, deteriorated flashing and hail damage observed throughout. There is not a ridge vent present on the roof, contributing to the deterioration and cracks observed in the roof. Soft decking is evident in the areas of previous repairs and severe granular erosion can be observed throughout the roof system. Due to the severe and widespread issues related to the shingle roofing, replacement is the only feasibly long-term solution. The 25,595 square foot 20 year old building includes an 18 year old 35,265 square foot roof based on the drawings and factoring in 1:3 slope and areas of overhang outside of the building envelope. The existing roof is being replaced with what is referred to being 50 year shingles and will include a 20 year manufacturer's warranty. The Orangeburg Mental Health facility houses the general administration for all facilities and the following support services: Child, Adolescent and Family Clinic Based Services, School Based Services when out of school; ACT Like Teams; Crisis Intervention, Diversion and After Hours Teams; Clinical Intake Team; Adult Short Term Outpatient; Adult Assertive Case Management; Peer Support Team; State Care Coordination Team; Vocational Rehabilitation Representative; TLC, Residential and Homeshare Teams; Medication Clinic with Nurses; Psychiatric Clinic with Doctors and Tele-psychiatry. There are a total of 59 staff members who provided a total of 30,774 services to 1,096 clients in this facility in FY17. The agency estimates that the completed project will cost approximately \$575,500 with additional annual operating cost savings of \$10,000 in years 1 thru 3. The agency also reports the projects date for execution of the construction contract is May 2018 and for completion of construction is October 2018.

- (t) Summary 3-2018: JBRC Item 20. (N12) Department of Juvenile Justice
Project: 9602, BRRRC Bldg. #2008 Roof Replacement
Included in Annual CPIP: Yes – CPIP Priority 3 of 6 in FY18
JBRC/SFAA Phase I Approval: August 2017

CHE Recommended Approval: N/A

Ref: Supporting document pages 231-239

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Appropriated State, FY17 Carryforward Funds	53,250.00	0.00	53,250.00	252,000.00	305,250.00
All Sources	<u>53,250.00</u>	<u>0.00</u>	<u>53,250.00</u>	<u>252,000.00</u>	<u>305,250.00</u>

Funding Source: \$305,250 Appropriated State, FY17 Carryforward Funds.

Request: Increase budget to \$305,250 (add \$252,000 Appropriated State FY17 Carryforward Funds) for a total flat roof replacement of the BRRRC Building #2008. Phase I was approved with a total estimated project cost of \$266,250 which was based just the square footage of the building. During the phase I evaluation, the roof inspection found that it was in worse shape than expected. There are also additional costs for replacing roof drains and gravel stops. The existing roof will be replaced with new, updated Modified Bitumen process and materials with a 20 year manufacturer's warranty. The current roof has exhausted its life expectancy, resulting in increasing maintenance work and higher utility costs. The 13,300 square foot facility and roof are 45 years old. The building has been previously occupied by the Finance Department, Medicaid Services and DJJ's Fleet Services. However, the staff not in direct contact with juveniles is being relocated off campus. As a result of this relocation, the building will be repurposed in conjunction with the agency's regionalization plan, pending raise the age legislation and the need to provide housing for juveniles in the case of dangerous weather conditions. Future use of the building has not been finalized and will depend on resolution of these issues. Replacement of the roof is necessary to ensure that the integrity of the building is maintained. The agency estimates that the completed project will cost approximately \$305,250 and no additional annual operating costs will result from the project. The agency also reports the projects date for execution of the construction contract is December 2017 and for completion of construction is May 2018.

Phase II Increase & Revise Scope

(u) Summary 3-2018: JBRC Item 21. (N20) Criminal Justice Academy

Project: 9628, Tactical Training Facility

Included in Annual CPIP: No

JBRC/SFAA Phase II Approval: August 2017

CHE Recommended Approval: N/A

Ref: Supporting document pages 240-243

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Federal, Federal Bureau of Investigation (FBI)	700,000.00	0.00	700,000.00	250,000.00	950,000.00
All Sources	<u>700,000.00</u>	<u>0.00</u>	<u>700,000.00</u>	<u>250,000.00</u>	<u>950,000.00</u>

Funding Source: \$950,000 Federal, Federal Bureau of Investigation (FBI) Funds.

Request: Increase budget to \$950,000 (add \$250,000 Federal, Federal Bureau of Investigation Funds) and revise scope to construct up to a 6,000 square foot, two-story Tactical Training Facility with large, open rooms featuring movable walls so that the interior can be configured as needed, according to the type of training being performed. The Phase II increase is being requested because \$250,000 of additional funding has been offered subsequent to the project receiving Phase II approval. The original scope of work for this project was to construct a 5,000 square foot facility for \$500,000 and would have been completed based on that scope and budget had the additional funding not become available. The opinion of probable cost was previously completed and the facility design will be based on a standard design used by the FBI for similar facilities across the country. Approximately 20% of this facility will be conditioned air space with the remainder being fed by outside air. This project will allow the academy to offer Force-On-Force training, Tactical Building Clearing, Building Entry Training, as well as, SWAT Team Training. Approximately 1,200 new law enforcement officers will train here annually, plus hundreds of veteran officers receiving in-service training. The academy does not have the adequate facility or the proper equipment to currently offer this training. This building will be an incredible and indispensable asset to all Local, State, and Federal law enforcement officers throughout South Carolina. This gift from the FBI will raise the training capabilities for tactical type training at no cost to the state. The agency estimates that the completed project will cost approximately \$950,000 with additional annual operating costs of \$300 in year 1 and \$3,400 in years 2 and 3. The agency also reports the projects date for execution of the construction contract is January 2018 and for completion of construction is June 2019.

Preliminary Land Acquisition

(v) Summary 3-2018: JBRC Item 22. (P24) Department of Natural Resources

Project: 9972, Colleton-Donnelley WMA Land Acquisition

Included in Annual CPIP: Yes – CPIP Priority 6 of 7 in FY18

JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 244-252

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Fish & Wildlife Protection Timber	0.00	0.00	0.00	20,000.00	20,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>20,000.00</u>	<u>20,000.00</u>

Funding Source: \$20,000 Other, Fish & Wildlife Protection Timber Funds, which is income from timber harvests on DNR lands and placed in the Fish and Wildlife Protection Fund. Revenue from this source must be expended by DNR for the protection, promotion, propagation, and management of freshwater fisheries and wildlife, the enforcement of related laws, the administration of the department, and the dissemination of information, facts, and findings the department considers necessary.

Request: Establish project and budget for \$20,000 (Other, Fish & Wildlife Protection Timber Funds) to procure investigative studies required to adequately evaluate property prior to purchase. The agency is considering the acquisition of approximately 12 acres of land in Colleton County currently being offered for sale for \$348,000. An appraisal conducted in May 2017 valued the tract at this amount. The property is across from DNR's Donnelley Wildlife Management Area (WMA) and is owned by the Lacuna Corporation of Charleston, SC. The property adjoins the west side of the ACE Basin Parkway at its intersection with SC Highway 303. Donnelley WMA is on the east side across US Highway 17. Property adjoining the north side is under a conservation easement. Acquisition of this site will ensure its long term protection from commercial development, provide a buffer to the existing WMA and link protected properties. Future use will be timber management and wildlife habitat enhancement. It will be managed in conjunction with Donnelley WMA. The agency estimates that the land acquisition will cost approximately \$368,000 and no additional annual operating costs will result from this project.

Final Land Acquisition

(w) Summary 3-2018: JBRC Item 23. (P28) Department of Parks, Recreation & Tourism

Project: 9768, St. Phillips Island Acquisition

Included in Annual CPIP: No

JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 253-297

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Appropriated State, FY17 Carryforward	0.00	0.00	0.00	1,435,548.00	1,435,548.00
Appropriated State, PARD nonrecurring	0.00	0.00	0.00	700,000.00	700,000.00
Other, Recreation Land Trust	0.00	0.00	0.00	2,864,452.00	2,864,452.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>5,000,000.00</u>	<u>5,000,000.00</u>

Funding Source: \$1,435,548 Appropriated State, FY17 Carryforward. \$700,000 Appropriated State, PARD nonrecurring. \$2,864,452 Other, Recreation Land Trust Funds, which are state funds appropriated for recreational land acquisitions and improvements.

Request: Establish a combined Phase I preliminary land acquisition and Phase II final acquisition project and budget for \$5,000,000 (Appropriated State, FY17 Carryforward & PARD nonrecurring and Other, Recreation Land Trust Funds) to allow for the acquisition of a 4,680 acre barrier island near Hunting Island State Park in Beaufort County, SC. This land is needed to address conservation and public beach access needs along the South Carolina coast. The Phase I and Phase II are being combined together as one request because the closing must occur prior to December 31, 2017 for the seller to take advantage of charitable contribution income tax deduction by making a charitable contribution in the form of a bargain sale, as defined in Sections 170 and 1011(b) of the Internal Revenue Code ("IRC") and Treasury regulation Section 1.170A-4 which will allow PRT to secure this property at a price far below the appraised value. This property is currently offered to PRT by Robert Edward Turner III for the purchase price of \$4,900,000.00. Due to the need to close on this transaction by December 31, 2017, the seller agreed to obtain an appraisal, phase I environmental study and building condition assessment for the subject property at his cost and risk, which will be reimbursed by the Department of Parks, Recreation and Tourism through this project at closing if the project is approved by JBRC and SFAA. If the project is not approved by JBRC and/or SFAA, there is no obligation of the PRT or the State to make reimbursement or incur any costs. An appraisal was completed for the property on November 15, 2017 by Charleston Appraisal Service and the final opinion of market value for the property which is subject to a conservation easement was determined to be \$15,000,000. Additionally, a Phase I Environmental Site Assessment was

completed and revealed no evidence of RECs, HRECs, or CRECs and no further assessment was recommended. This property includes two residences and a shop on site, which are 34 years old. These buildings have been maintained in good condition and require no renovation at this time. This property, after purchase, will be used for public access and education. The number of visitors to the property is underdetermined at this time and will depend on the final operational plan after acquisition. Initial estimates for the first year of operation are approximately 1,000 visitors annually. The nearby Hunting Island State Park receives over 1 million visitors per year. The agency estimates that the land acquisition will cost approximately \$5,000,000 with additional annual operating costs of \$250,000 in year 1 and \$300,000 in years 2 and 3. The agency reports the estimated date to complete the land acquisition is December 2017.

JOINT BOND REVIEW COMMITTEE**Item Number 5**Meeting of December 5, 2017**AGENCY:** Department of Administration, Capital Budget Office**PROJECT/SUBJECT:** Comprehensive Permanent Improvement Plans

Section 2-47-55 of the South Carolina Code of Laws requires all state agencies responsible for providing and maintaining physical facilities to submit a Comprehensive Permanent Improvement Plan (CPIP).

Generally, the CPIP outlines agencies' permanent improvement activities for the upcoming five years. Year 1 of each agency's CPIP includes projects that the agency expects to initiate in the upcoming year for which funding sources are already available or for which there is a reasonable certainty that the funding will be available. Years 2 through 5 of the CPIP focus on projects for which the agency will request funds as well as projects that the agency anticipates to have its own or other non-state funding sources.

The Capital Budget Office of the Department of Administration has compiled and submitted a report containing summaries of the 2017 CPIP submissions for all agencies as well as a listing of the individual projects for each agency by plan year and source of funding. The report is being distributed to Committee members under separate cover. In addition, detailed CPIP submissions are available to members of the Committee upon request.

COMMITTEE ACTION:

Receive 2017 Comprehensive Permanent Improvement Plan, For Plan Years 2018 through 2022, as information.

AVAILABLE UNDER SEPARATE COVER:

Report of State of South Carolina 2017 Comprehensive Improvement Plan, For Plan Years 2018 through 2022

AVAILABLE UPON REQUEST:

Detailed Agency Submissions, 2017 Comprehensive Permanent Improvement Plan, For Plan Years 2018 through 2022

JOINT BOND REVIEW COMMITTEEMeeting of December 5, 2017**Item Number 6****AGENCY:** Joint Bond Review Committee**PROJECT/SUBJECT:** Future Meeting Schedule

The next tentatively-scheduled meeting of the State Fiscal Accountability Authority is January 30, 2018.

2018**January**

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
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February

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March

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April

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May

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June

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July

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August

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September

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October

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November

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December

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23	24	25	26	27	28	29
30	31					

Designed by Amy, amystudio.com

COMMITTEE ACTION:

Schedule next meeting.

ATTACHMENTS:

None



STATE OF SOUTH CAROLINA
2017 COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

For the Plan Years 2018 - 2022

Statewide

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

CONTENTS

Section 1 - Summary of Plan by Fund Source	1
Section 2 - Summary of Plan by Functional Group	5
Section 3 - Summary of Plan by Business Area	9
State	11
Conservation, Natural Resources and Development	11
Correctional and Public Safety	11
Executive and Administrative	11
Health and Social Services	11
K-12 Education and Cultural	11
Public Safety	11
Regulatory	11
Senior Institutions and Regional Campuses	11
Statewide, Unclassified and Others	12
Technical Colleges	12
Transportation	12
Debt	13
Executive and Administrative	13
Health and Social Services	13
Senior Institutions and Regional Campuses	13
Statewide, Unclassified and Others	13
Technical Colleges	13
Transportation	13
Federal	14
Conservation, Natural Resources and Development	14
Executive and Administrative	14
Health and Social Services	14
K-12 Education and Cultural	14
Statewide, Unclassified and Others	14
Technical Colleges	14
Other	15
Conservation, Natural Resources and Development	15
Correctional and Public Safety	15
Executive and Administrative	15
Health and Social Services	15
K-12 Education and Cultural	15

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

CONTENTS

Public Safety -----	15
Regulatory -----	15
Senior Institutions and Regional Campuses -----	15
Statewide, Unclassified and Others -----	16
Technical Colleges -----	16
Transportation -----	16
Unidentified -----	17
Conservation, Natural Resources and Development -----	17
Correctional and Public Safety -----	17
Executive and Administrative -----	17
Health and Social Services -----	17
K-12 Education and Cultural -----	17
Public Safety -----	17
Regulatory -----	17
Senior Institutions and Regional Campuses -----	17
Statewide, Unclassified and Others -----	18
Technical Colleges -----	18
Transportation -----	18
Section 4 - Summary of Proposed Permanent Improvement Projects -----	21
Conservation, Natural Resources and Development -----	23
Clemson University Public Service and Agriculture -----	23
Department of Agriculture -----	24
Department of Natural Resources -----	25
Department of Parks Recreation and Tourism -----	27
Patriots Point Development Authority -----	29
Correctional and Public Safety -----	30
Department of Corrections -----	30
Department of Juvenile Justice -----	32
Law Enforcement Training Council -----	33
Executive and Administrative -----	34
Department of Administration -----	34
Office of Adjutant General -----	38
State Law Enforcement Division -----	41
Health and Social Services -----	42
Department of Disabilities and Special Needs -----	42
Department of Mental Health -----	43

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

CONTENTS

John de la Howe School -----	47
State Housing Finance and Development Authority -----	48
K-12 Education and Cultural -----	49
Department of Education -----	49
School for the Deaf and Blind -----	50
Vocational Rehabilitation Department -----	51
Wil Lou Gray Opportunity School -----	53
Public Safety -----	54
Department of Public Safety -----	54
Regulatory -----	55
Department of Employment and Workforce -----	55
Department of Labor, Licensing and Regulation -----	56
Department of Motor Vehicles -----	58
Senior Institutions and Regional Campuses -----	59
Clemson University -----	59
Coastal Carolina University -----	61
College of Charleston -----	62
Francis Marion University -----	64
Lander University -----	65
Medical University of South Carolina -----	66
South Carolina State University -----	67
The Citadel – The Military College of South Carolina -----	68
University of South Carolina – Aiken Campus -----	70
University of South Carolina – Beaufort Campus -----	71
University of South Carolina – Columbia Campus -----	72
University of South Carolina – Lancaster Campus -----	74
University of South Carolina – Salkehatchie Campus -----	75
University of South Carolina – Sumter Campus -----	76
University of South Carolina – Union Campus -----	77
University of South Carolina – Upstate Campus -----	78
Winthrop University -----	79
Statewide, Unclassified and Others -----	80
Ports Authority -----	80
Technical Colleges -----	81
Aiken Technical College -----	81
Central Carolina Technical College -----	82

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

CONTENTS

Denmark Technical College -----	83
Florence-Darlington Technical College -----	84
Greenville Technical College -----	85
Horry-Georgetown Technical College-----	86
Midlands Technical College -----	87
Northeastern Technical College -----	88
Orangeburg-Calhoun Technical College -----	89
Piedmont Technical College-----	90
Spartanburg Community College -----	91
Technical College of the Lowcountry -----	92
Tri-County Technical College-----	93
Trident Technical College -----	94
Williamsburg Technical College -----	95
York Technical College -----	96
Transportation -----	97
Aeronautics Commission -----	97
Department of Transportation -----	98



STATE OF SOUTH CAROLINA
2017 COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

For the Plan Years 2018 - 2022

Statewide

Summary of Plan by Fund Source

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Plan by Fund Source

Fund Source	2018	2019	2020	2021	2022	Total Sources
State	379,224,543	819,037,993	271,075,198	117,042,122	142,266,159	1,728,646,015
Debt	471,740,000	65,780,000	189,890,000	165,490,000	213,496,000	1,106,396,000
Federal	53,185,776	35,829,350	116,833,547	27,505,000	9,782,000	243,135,673
Other	253,647,759	234,862,295	212,395,433	182,503,757	95,769,353	979,178,597
Unidentified	2,147,742	333,500	7,537,500	7,545,000	30,347,000	47,910,742
Grand Total	1,159,945,820	1,155,843,138	797,731,678	500,085,879	491,660,512	4,105,267,027



STATE OF SOUTH CAROLINA
2017 COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

For the Plan Years 2018 - 2022

Statewide

Summary of Plan by Functional Group

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Plan by Functional Group

Fund Source	2018	2019	2020	2021	2022	Total Sources
State	379,224,543	819,037,993	271,075,198	117,042,122	142,266,159	1,728,646,015
Conservation, Natural Resources and Development		34,890,200	43,297,000	7,125,500	21,714,721	107,027,421
Correctional and Public Safety	18,996,000	17,296,292	16,208,538	10,651,800	19,850,000	83,002,630
Executive and Administrative	1,097,000	10,103,502	11,284,021	23,453,000	10,403,000	56,340,523
Health and Social Services	7,436,000	41,771,500	53,466,448	35,700,000	21,017,000	159,390,948
K-12 Education and Cultural	26,711,750	3,174,000	10,260,000			40,145,750
Public Safety		2,300,000	952,500	600,000	820,000	4,672,500
Regulatory	561,793	566,793	498,891	211,793		1,839,270
Senior Institutions and Regional Campuses	10,000,000	280,145,000	91,805,000	9,100,000	3,000,000	394,050,000
Statewide, Unclassified and Others	300,000,000					300,000,000
Technical Colleges	14,400,000	428,490,706	43,177,800	30,200,029	65,461,438	581,729,973
Transportation	22,000	300,000	125,000			447,000
Debt	471,740,000	65,780,000	189,890,000	165,490,000	213,496,000	1,106,396,000
Executive and Administrative	32,075,000	6,340,000	6,340,000	6,340,000	4,496,000	55,591,000
Health and Social Services	12,865,000					12,865,000
Senior Institutions and Regional Campuses	185,600,000	59,440,000	158,550,000	139,150,000	209,000,000	751,740,000
Statewide, Unclassified and Others	222,000,000					222,000,000
Technical Colleges	15,000,000		25,000,000	20,000,000		60,000,000
Transportation	4,200,000					4,200,000
Federal	53,185,776	35,829,350	116,833,547	27,505,000	9,782,000	243,135,673
Conservation, Natural Resources and Development		985,000	1,000,000			1,985,000
Executive and Administrative	20,209,021	27,725,000	34,978,000	27,505,000	9,782,000	120,199,021
Health and Social Services			79,055,547			79,055,547
K-12 Education and Cultural	15,476,755	3,119,350				18,596,105
Statewide, Unclassified and Others	17,500,000					17,500,000
Technical Colleges		4,000,000	1,800,000			5,800,000
Other	253,647,759	234,862,295	212,395,433	182,503,757	95,769,353	979,178,597
Conservation, Natural Resources and Development	1,283,370	832,362	150,000			2,265,732
Correctional and Public Safety	2,700,000	1,070,000		14,300,000		18,070,000
Executive and Administrative	7,771,600	63,532,798	3,050,063	9,819,000	2,581,586	86,755,047
Health and Social Services	13,971,595	276,350				14,247,945
K-12 Education and Cultural	11,466,481	210,000				11,676,481
Public Safety	700,000	700,000	850,000			2,250,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Plan by Functional Group

Fund Source	2018	2019	2020	2021	2022	Total Sources
Other	253,647,759	234,862,295	212,395,433	182,503,757	95,769,353	979,178,597
Regulatory	4,409,033	5,534,585	2,743,000	2,648,000	1,967,767	17,302,385
Senior Institutions and Regional Campuses	155,833,255	118,665,000	117,525,000	136,115,000	72,900,000	601,038,255
Statewide, Unclassified and Others	17,700,000					17,700,000
Technical Colleges	31,312,425	31,813,200	76,852,370	6,371,757	6,120,000	152,469,752
Transportation	6,500,000	12,228,000	11,225,000	13,250,000	12,200,000	55,403,000
Unidentified	2,147,742	333,500	7,537,500	7,545,000	30,347,000	47,910,742
Conservation, Natural Resources and Development	409,242		-9,000,000	400,000	270,000	-7,920,758
Correctional and Public Safety						
Executive and Administrative						
Health and Social Services	538,500	326,500	37,500			902,500
K-12 Education and Cultural	1,200,000					1,200,000
Public Safety						
Regulatory						
Senior Institutions and Regional Campuses			16,500,000		28,900,000	45,400,000
Statewide, Unclassified and Others						
Technical Colleges				7,145,000	1,177,000	8,322,000
Transportation		7,000				7,000
Grand Total	1,159,945,820	1,155,843,138	797,731,678	500,085,879	491,660,512	4,105,267,027



STATE OF SOUTH CAROLINA
2017 COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

For the Plan Years 2018 - 2022

Statewide

Summary of Plan by Business Area

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Plan by Business Area

Fund Source	2018	2019	2020	2021	2022	Total Sources
State						
Conservation, Natural Resources and Development		34,890,200	43,297,000	7,125,500	21,714,721	107,027,421
Clemson University Public Service and Agriculture		18,000,000	2,000,000			20,000,000
Department of Natural Resources		7,840,200	23,967,000	925,500	6,034,721	38,767,421
Department of Parks Recreation and Tourism		9,050,000	17,330,000	6,200,000	15,680,000	48,260,000
Correctional and Public Safety	18,996,000	17,296,292	16,208,538	10,651,800	19,850,000	83,002,630
Department of Corrections	7,830,000	11,000,000	13,000,000	9,500,000	13,250,000	54,580,000
Department of Juvenile Justice	11,166,000	4,350,000	2,080,000			17,596,000
Law Enforcement Training Council		1,946,292	1,128,538	1,151,800	6,600,000	10,826,630
Executive and Administrative	1,097,000	10,103,502	11,284,021	23,453,000	10,403,000	56,340,523
Department of Administration		9,650,502	9,986,021	23,000,000	9,950,000	52,586,523
Office of Adjutant General	1,097,000	453,000	453,000	453,000	453,000	2,909,000
State Law Enforcement Division			845,000			845,000
Health and Social Services	7,436,000	41,771,500	53,466,448	35,700,000	21,017,000	159,390,948
Department of Mental Health	7,246,000	41,735,000	53,466,448	33,025,000	21,017,000	156,489,448
John de la Howe School	190,000	36,500		2,675,000		2,901,500
K-12 Education and Cultural	26,711,750	3,174,000	10,260,000			40,145,750
Department of Education	16,816,750	1,825,000	10,260,000			28,901,750
School for the Deaf and Blind	2,985,000					2,985,000
Vocational Rehabilitation Department	6,910,000	1,349,000				8,259,000
Public Safety		2,300,000	952,500	600,000	820,000	4,672,500
Department of Public Safety		2,300,000	952,500	600,000	820,000	4,672,500
Regulatory	561,793	566,793	498,891	211,793		1,839,270
Department of Motor Vehicles	561,793	566,793	498,891	211,793		1,839,270
Senior Institutions and Regional Campuses	10,000,000	280,145,000	91,805,000	9,100,000	3,000,000	394,050,000
College of Charleston		113,185,000				113,185,000
Francis Marion University			3,100,000	100,000	3,000,000	6,200,000
South Carolina State University		11,660,000	3,755,000			15,415,000
The Citadel – The Military College of South Carolina		2,000,000				2,000,000
University of South Carolina – Aiken Campus		8,500,000	1,500,000	5,500,000		15,500,000
University of South Carolina – Beaufort Campus		25,000,000	28,000,000			53,000,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Plan by Business Area

Fund Source	2018	2019	2020	2021	2022	Total Sources
State						
Senior Institutions and Regional Campuses	10,000,000	280,145,000	91,805,000	9,100,000	3,000,000	394,050,000
University of South Carolina – Columbia Campus	10,000,000		50,000,000			60,000,000
University of South Carolina – Sumter Campus			2,600,000	1,500,000		4,100,000
University of South Carolina – Upstate Campus		17,000,000				17,000,000
Winthrop University		102,800,000	2,850,000	2,000,000		107,650,000
Statewide, Unclassified and Others	300,000,000					300,000,000
Ports Authority	300,000,000					300,000,000
Technical Colleges	14,400,000	428,490,706	43,177,800	30,200,029	65,461,438	581,729,973
Aiken Technical College		16,344,000		1,156,000	18,263,438	35,763,438
Central Carolina Technical College		29,950,000	1,000,000	8,811,029	1,000,000	40,761,029
Denmark Technical College	2,900,000	12,250,000	692,000	5,500,000		21,342,000
Florence-Darlington Technical College	6,500,000	12,000,000	8,480,000	6,630,000	35,000,000	68,610,000
Greenville Technical College		67,600,000				67,600,000
Horry-Georgetown Technical College	5,000,000	49,000,000				54,000,000
Midlands Technical College		30,480,000				30,480,000
Northeastern Technical College		11,350,000	3,700,000	4,000,000	7,600,000	26,650,000
Orangeburg-Calhoun Technical College		18,000,000				18,000,000
Piedmont Technical College		14,292,800	3,630,800	3,040,000	2,880,000	23,843,600
Spartanburg Community College		31,386,800	3,925,000	1,063,000	718,000	37,092,800
Technical College of the Lowcountry		16,500,000				16,500,000
Tri-County Technical College		18,000,000				18,000,000
Trident Technical College		28,100,000	21,750,000			49,850,000
Williamsburg Technical College		19,250,000				19,250,000
York Technical College		53,987,106				53,987,106
Transportation	22,000	300,000	125,000			447,000
Aeronautics Commission	22,000	275,000				297,000
Department of Transportation		25,000	125,000			150,000
Total State	379,224,543	819,037,993	271,075,198	117,042,122	142,266,159	1,728,646,015

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Plan by Business Area

Fund Source	2018	2019	2020	2021	2022	Total Sources
Debt						
Executive and Administrative	32,075,000	6,340,000	6,340,000	6,340,000	4,496,000	55,591,000
Department of Administration	27,000,000					27,000,000
Office of Adjutant General	5,075,000	6,340,000	6,340,000	6,340,000	4,496,000	28,591,000
Health and Social Services	12,865,000					12,865,000
Department of Disabilities and Special Needs	12,865,000					12,865,000
Senior Institutions and Regional Campuses	185,600,000	59,440,000	158,550,000	139,150,000	209,000,000	751,740,000
Clemson University	144,500,000	19,000,000	20,000,000	48,000,000		231,500,000
College of Charleston			58,600,000	30,500,000	81,000,000	170,100,000
Francis Marion University		8,000,000		23,750,000		31,750,000
Lander University				12,500,000		12,500,000
South Carolina State University					20,000,000	20,000,000
The Citadel – The Military College of South Carolina	6,500,000		44,000,000	12,500,000	25,200,000	88,200,000
University of South Carolina – Aiken Campus		3,500,000				3,500,000
University of South Carolina – Beaufort Campus		8,000,000				8,000,000
University of South Carolina – Columbia Campus	34,600,000	5,000,000	35,950,000	11,900,000	82,800,000	170,250,000
University of South Carolina – Lancaster Campus		750,000				750,000
University of South Carolina – Salkehatchie Campus		1,700,000				1,700,000
University of South Carolina – Sumter Campus		4,500,000				4,500,000
University of South Carolina – Union Campus		990,000				990,000
University of South Carolina – Upstate Campus		8,000,000				8,000,000
Statewide, Unclassified and Others	222,000,000					222,000,000
Ports Authority	222,000,000					222,000,000
Technical Colleges	15,000,000		25,000,000	20,000,000		60,000,000
Florence-Darlington Technical College	15,000,000					15,000,000
Horry-Georgetown Technical College			25,000,000	20,000,000		45,000,000
Transportation	4,200,000					4,200,000
Department of Transportation	4,200,000					4,200,000
Total Debt	471,740,000	65,780,000	189,890,000	165,490,000	213,496,000	1,106,396,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Plan by Business Area

Fund Source	2018	2019	2020	2021	2022	Total Sources
Federal						
Conservation, Natural Resources and Development		985,000	1,000,000			1,985,000
Department of Natural Resources		985,000	1,000,000			1,985,000
Executive and Administrative	20,209,021	27,725,000	34,978,000	27,505,000	9,782,000	120,199,021
Office of Adjutant General	20,209,021	27,725,000	34,978,000	27,505,000	9,782,000	120,199,021
Health and Social Services			79,055,547			79,055,547
Department of Mental Health			79,055,547			79,055,547
K-12 Education and Cultural	15,476,755	3,119,350				18,596,105
Vocational Rehabilitation Department	15,476,755	3,119,350				18,596,105
Statewide, Unclassified and Others	17,500,000					17,500,000
Ports Authority	17,500,000					17,500,000
Technical Colleges		4,000,000	1,800,000			5,800,000
Florence-Darlington Technical College		2,000,000				2,000,000
Northeastern Technical College		2,000,000	1,800,000			3,800,000
Total Federal	53,185,776	35,829,350	116,833,547	27,505,000	9,782,000	243,135,673

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Plan by Business Area

Fund Source	2018	2019	2020	2021	2022	Total Sources
Other						
Conservation, Natural Resources and Development	1,283,370	832,362	150,000			2,265,732
Department of Agriculture	400,000		150,000			550,000
Department of Natural Resources	729,370	687,362				1,416,732
Patriots Point Development Authority	154,000	145,000				299,000
Correctional and Public Safety	2,700,000	1,070,000		14,300,000		18,070,000
Department of Corrections	2,700,000	1,070,000		14,300,000		18,070,000
Executive and Administrative	7,771,600	63,532,798	3,050,063	9,819,000	2,581,586	86,755,047
Department of Administration	6,999,240	2,962,579	3,050,063	3,219,000	2,581,586	18,812,468
State Law Enforcement Division	772,360	60,570,219		6,600,000		67,942,579
Health and Social Services	13,971,595	276,350				14,247,945
Department of Mental Health	13,943,595					13,943,595
John de la Howe School		76,350				76,350
State Housing Finance and Development Authority	28,000	200,000				228,000
K-12 Education and Cultural	11,466,481	210,000				11,676,481
Department of Education	6,230,236	210,000				6,440,236
Vocational Rehabilitation Department	5,236,245					5,236,245
Public Safety	700,000	700,000	850,000			2,250,000
Department of Public Safety	700,000	700,000	850,000			2,250,000
Regulatory	4,409,033	5,534,585	2,743,000	2,648,000	1,967,767	17,302,385
Department of Employment and Workforce		550,000	498,000	623,000	442,767	2,113,767
Department of Labor, Licensing and Regulation	3,089,661	4,924,500	2,245,000	2,025,000	1,525,000	13,809,161
Department of Motor Vehicles	1,319,372	60,085				1,379,457
Senior Institutions and Regional Campuses	155,833,255	118,665,000	117,525,000	136,115,000	72,900,000	601,038,255
Clemson University	57,500,000	19,000,000	52,000,000	29,000,000	8,000,000	165,500,000
Coastal Carolina University	2,500,000	35,000,000	6,600,000	27,000,000	24,500,000	95,600,000
College of Charleston	26,181,255	18,565,000	8,900,000	5,000,000	6,400,000	65,046,255
Francis Marion University		3,900,000				3,900,000
Medical University of South Carolina	16,200,000	6,000,000	6,000,000	4,000,000	4,000,000	36,200,000
South Carolina State University	1,057,000	1,500,000				2,557,000
The Citadel – The Military College of South Carolina	8,000,000	8,200,000	13,600,000	48,190,000		77,990,000
University of South Carolina – Aiken Campus		2,000,000	2,500,000	4,000,000		8,500,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Plan by Business Area

Fund Source	2018	2019	2020	2021	2022	Total Sources
Other						
Senior Institutions and Regional Campuses	155,833,255	118,665,000	117,525,000	136,115,000	72,900,000	601,038,255
University of South Carolina – Beaufort Campus			5,000,000			5,000,000
University of South Carolina – Columbia Campus	44,125,000	20,000,000	19,375,000	18,925,000	18,000,000	120,425,000
University of South Carolina – Upstate Campus	270,000		3,550,000			3,820,000
Winthrop University		4,500,000			12,000,000	16,500,000
Statewide, Unclassified and Others	17,700,000					17,700,000
Ports Authority	17,700,000					17,700,000
Technical Colleges	31,312,425	31,813,200	76,852,370	6,371,757	6,120,000	152,469,752
Central Carolina Technical College		50,000		2,202,757		2,252,757
Florence-Darlington Technical College	9,250,000		2,000,000			11,250,000
Greenville Technical College	3,589,500		9,694,670	2,409,000	4,000,000	19,693,170
Horry-Georgetown Technical College	8,500,000					8,500,000
Midlands Technical College		7,620,000				7,620,000
Northeastern Technical College		2,150,000	1,500,000		400,000	4,050,000
Orangeburg-Calhoun Technical College		4,000,000				4,000,000
Piedmont Technical College		3,573,200	907,700	760,000	720,000	5,960,900
Spartanburg Community College		6,020,000				6,020,000
Tri-County Technical College			2,500,000			2,500,000
Trident Technical College		6,400,000	60,250,000	1,000,000	1,000,000	68,650,000
Williamsburg Technical College		2,000,000				2,000,000
York Technical College	9,972,925					9,972,925
Transportation	6,500,000	12,228,000	11,225,000	13,250,000	12,200,000	55,403,000
Department of Transportation	6,500,000	12,228,000	11,225,000	13,250,000	12,200,000	55,403,000
Total Other	253,647,759	234,862,295	212,395,433	182,503,757	95,769,353	979,178,597

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Plan by Business Area

Fund Source	2018	2019	2020	2021	2022	Total Sources
Unidentified						
Conservation, Natural Resources and Development	409,242		-9,000,000	400,000	270,000	-7,920,758
Department of Agriculture						
Department of Natural Resources	409,242					409,242
Department of Parks Recreation and Tourism			-9,000,000	400,000	270,000	-8,330,000
Correctional and Public Safety						
Department of Corrections						
Department of Juvenile Justice						
Executive and Administrative						
Department of Administration						
Office of Adjutant General						
State Law Enforcement Division						
Health and Social Services	538,500	326,500	37,500			902,500
Department of Disabilities and Special Needs	20,000					20,000
John de la Howe School	518,500	326,500	37,500			882,500
State Housing Finance and Development Authority						
K-12 Education and Cultural	1,200,000					1,200,000
School for the Deaf and Blind	700,000					700,000
Vocational Rehabilitation Department						
Wil Lou Gray Opportunity School	500,000					500,000
Public Safety						
Department of Public Safety						
Regulatory						
Department of Employment and Workforce						
Senior Institutions and Regional Campuses			16,500,000		28,900,000	45,400,000
Coastal Carolina University						
Francis Marion University						
Lander University						
Medical University of South Carolina						
South Carolina State University						
The Citadel – The Military College of South Carolina			16,500,000		28,900,000	45,400,000
Winthrop University						

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Plan by Business Area

Fund Source	2018	2019	2020	2021	2022	Total Sources
Unidentified						
Statewide, Unclassified and Others						
Ports Authority						
Technical Colleges				7,145,000	1,177,000	8,322,000
Aiken Technical College						
Central Carolina Technical College						
Denmark Technical College						
Florence-Darlington Technical College						
Greenville Technical College					1,177,000	1,177,000
Horry-Georgetown Technical College						
Midlands Technical College						
Orangeburg-Calhoun Technical College						
Piedmont Technical College						
Technical College of the Lowcountry				7,145,000		7,145,000
Tri-County Technical College						
Trident Technical College						
Williamsburg Technical College						
York Technical College						
Transportation		7,000				7,000
Aeronautics Commission						
Department of Transportation		7,000				7,000
Total Unidentified	2,147,742	333,500	7,537,500	7,545,000	30,347,000	47,910,742

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Plan by Business Area

Grand Total	1,159,945,820	1,155,843,138	797,731,678	500,085,879	491,660,512	4,105,267,027
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STATE OF SOUTH CAROLINA
2017 COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

For the Plan Years 2018 - 2022

Statewide

Summary of Proposed Permanent Improvement Projects

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Conservation, Natural Resources and Development	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Clemson University Public Service and Agriculture							
Plan Year 2019							
T. Ed Garrison Education/Conference Center Construction	1/3	11,000,000					11,000,000
Water Resources Building Renovation	2/3	7,000,000					7,000,000
Plan Year 2019 Total		18,000,000					18,000,000
Plan Year 2020							
Pee Dee REC Visiting Scholars Housing Construction	3/3	2,000,000					2,000,000
Plan Year 2020 Total		2,000,000					2,000,000
Clemson University Public Service and Agriculture Total		20,000,000					20,000,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Conservation, Natural Resources and Development	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Agriculture							
Plan Year 2018							
Greenville State Farmers Market (SFM) Renovation	1/2				400,000		400,000
Plan Year 2018 Total					400,000		400,000
Plan Year 2020							
Interstate 26 sign	2/2				150,000		150,000
Plan Year 2020 Total					150,000		150,000
Department of Agriculture Total					550,000		550,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Conservation, Natural Resources and Development	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Natural Resources							
Plan Year 2018							
Charleston-Capers Island Dock Repair	1/27				175,500		175,500
Horry-Gunter's Island Land Donation (I-73 Mitigation)	2/27						
Pickens - Sassafras Mountain Observation Tower Project	3/27					389,242	389,242
Charleston-Bear Island WMA Dike Repair	4/27				67,670		67,670
Williamsburg-Black River Tract Land Donation	5/27				10,000		10,000
Hampton-Palachucola WMA Land Acquisition-WestRock Tract	6/27				98,200		98,200
Georgetown-Tom Yawkey Wildlife Center Heritage Preserve Land Donation Blackout Tract	7/27				10,000		10,000
Orangeburg-Vallentine Tract Land Donation	8/27					20,000	20,000
Colleton-Donnelley WMA Land Acquisition	9/27				368,000		368,000
Plan Year 2018 Total					729,370	409,242	1,138,612
Plan Year 2019							
Charleston-Fort Johnson Boat Slip Renovation Project 9967	10/27	2,000,000					2,000,000
Berkeley-Dennis Center/Bayless Hatchery Renovation & Addition	11/27	1,900,000					1,900,000
Barnwell-Barnwell Fish Hatchery Restoration	12/27	1,800,000					1,800,000
Charleston-Historic Structures Renovation	13/27	380,200					380,200
Colleton-Bennett's Point Field Station Renovation	14/27	1,760,000					1,760,000
Horry-Public Shooting Range	15/27			985,000			985,000
Greenville-Poinsett Bridge Heritage Preserve - Bridge Restoration	16/27				687,362		687,362
Plan Year 2019 Total		7,840,200		985,000	687,362		9,512,562

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Conservation, Natural Resources and Development	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Natural Resources							
Plan Year 2020							
Charleston-Fort Johnson Complex-Central Energy Plant Renovation	17/27	6,600,000					6,600,000
Chesterfield-Cheraw Fish Hatchery Replace Water Distribution Lines	18/27	3,500,000					3,500,000
Oconnee-Walhalla Fish Hatchery Trout Production Raceways Replacement	19/27	8,000,000					8,000,000
Beaufort-Waddell Mariculture Center Maturation Ponds	20/27	4,080,000					4,080,000
Ft Johnson Fire Alarm Systems Replacement	21/27	936,000					936,000
Beaufort-Waddell Mariculture Center-Tenure House Renovation	22/27	351,000					351,000
Pickens-Clemson Office Expansion and Renovation	23/27	500,000					500,000
York-Public Shooting Range	24/27			1,000,000			1,000,000
Plan Year 2020 Total		23,967,000		1,000,000			24,967,000
Plan Year 2021							
Charleston-Capers Island Impoundment Rehabilitation	25/27	175,500					175,500
Barnwell/Georgetown/York-Office Renovations	26/27	750,000					750,000
Plan Year 2021 Total		925,500					925,500
Plan Year 2022							
Charleston-CCEHBR Building Renovation	27/27	6,034,721					6,034,721
Plan Year 2022 Total		6,034,721					6,034,721
Department of Natural Resources Total		38,767,421		1,985,000	1,416,732	409,242	42,578,395

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Conservation, Natural Resources and Development	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Parks Recreation and Tourism							
Plan Year 2019							
Fairplay Welcome Center Rebuild	1/22	4,500,000					4,500,000
Road Repairs - Hunting Island State Park	2/22	2,000,000					2,000,000
Dam Spillway Repair Croft State Park	3/22	1,000,000					1,000,000
Dam Spillway Repair Paris Mountain State Park	4/22	750,000					750,000
Dam Spillway Repair Chester State Park	5/22	300,000					300,000
Dam Spillway Repair Sesquicentennial State Park	6/22	500,000					500,000
Plan Year 2019 Total		9,050,000					9,050,000
Plan Year 2020							
North Augusta Welcome Center Rebuild	7/22	4,500,000					4,500,000
Dreher Island Campground Improvements	8/22	330,000					330,000
Campground Utility Replacement/Upgrades	9/22	1,000,000					1,000,000
Comfort Station / Rest Station Renovations	10/22	10,000,000				-9,000,000	1,000,000
Asbestos/Mold Removal Phase 4	11/22	500,000					500,000
Shoreline Stabilization	12/22	1,000,000					1,000,000
Plan Year 2020 Total		17,330,000				-9,000,000	8,330,000
Plan Year 2021							
Blacksburg Welcome Center Rebuild	13/22	4,500,000					4,500,000
Road Repairs - Devils Fork State Park	14/22	500,000					500,000
Road Repairs - Poinsett State Park	15/22	1,000,000					1,000,000
Road Repairs - Kings Mountain State	16/22	100,000				400,000	500,000
Road Repairs - Hampton Plantation Historic Site	17/22	100,000					100,000
Plan Year 2021 Total		6,200,000				400,000	6,600,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Conservation, Natural Resources and Development	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Parks Recreation and Tourism							
Plan Year 2022							
Little River Welcome Center Rebuild	18/22	5,000,000					5,000,000
Historic House Painting Repair & Renovations - Legare Waring House	19/22	200,000					200,000
Calhoun Falls Campground Improvements	20/22	330,000				270,000	600,000
Edisto Beach Ranger Residence Replacement	21/22	150,000					150,000
Hunting Island State Park Cabins	22/22	10,000,000					10,000,000
Plan Year 2022 Total		15,680,000				270,000	15,950,000
Department of Parks Recreation and Tourism Total		48,260,000				-8,330,000	39,930,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Conservation, Natural Resources and Development	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Patriots Point Development Authority							
Plan Year 2018							
Flight Deck Renovation - Yorktown	1/2				154,000		154,000
Plan Year 2018 Total					154,000		154,000
Plan Year 2019							
Structural repairs and strengthening to aircraft elevator #3 on Yorktown	2/2				145,000		145,000
Plan Year 2019 Total					145,000		145,000
Patriots Point Development Authority Total					299,000		299,000
Conservation, Natural Resources and Development Total		107,027,421		1,985,000	2,265,732	-7,920,758	103,357,395

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Correctional and Public Safety	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Corrections							
Plan Year 2018							
Major Maintenance and Repairs (FY18)	1/25	3,500,000					3,500,000
Lieber CI - Repair and Paint Elevated Water Tank	2/25				600,000		600,000
Tyger River CI - Repair and Paint Elevated Water Tank	3/25				600,000		600,000
Security Upgrades to Housing Unit Inmate Cells at Correctional Institutions (N04-9738)	4/25	2,500,000					2,500,000
Provide Deterrent Systems at Property Borders of Correctional Institutions	5/25	1,830,000					1,830,000
General Maintenance - Water and Wastewater Systems	6/25				1,500,000		1,500,000
Plan Year 2018 Total		7,830,000			2,700,000		10,530,000
Plan Year 2019							
Major Maintenance and Repairs (FY19)	7/25	2,500,000					2,500,000
General Maintenance - Paving	8/25	2,500,000					2,500,000
Capital Material and Equipment	9/25				1,070,000		1,070,000
Manning Reentry/Work Release Center - Boiler & Infrastructure Upgrades	10/25	3,500,000					3,500,000
General Maintenance - Security/Detention System & Equipment	11/25	2,500,000					2,500,000
Plan Year 2019 Total		11,000,000			1,070,000		12,070,000
Plan Year 2020							
Major Maintenance and Repairs (FY20)	12/25	2,500,000					2,500,000
General Maintenance - Roofing	13/25	2,500,000					2,500,000
General Maintenance - Mechanical & Electrical	14/25	2,000,000					2,000,000
General Maintenance - Floor Repairs/Replacements	15/25	1,000,000					1,000,000
Statewide Energy Conservation Program (Year 1 of 3)	16/25	5,000,000					5,000,000
Plan Year 2020 Total		13,000,000					13,000,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Correctional and Public Safety	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Corrections							
Plan Year 2021							
Major Maintenance and Repairs (FY21)	17/25	2,500,000					2,500,000
General Maintenance - Paving	18/25	2,000,000					2,000,000
Central Food Storage Warehouse Facility on the SCDC Broad River Complex	19/25				14,300,000		14,300,000
Statewide Energy Conservation Program (Year 2 of 3)	20/25	5,000,000					5,000,000
Plan Year 2021 Total		9,500,000			14,300,000		23,800,000
Plan Year 2022							
Major Maintenance and Repairs (FY22)	21/25	2,500,000					2,500,000
General Maintenance - Mechanical & Electrical	22/25	2,000,000					2,000,000
General Maintenance - Security/Detention System & Equipment	23/25	2,500,000					2,500,000
Renovations at the Central Inmate Bus Transportation Terminal	24/25	1,250,000					1,250,000
Statewide Energy Conservation Program (Year 3 of 3)	25/25	5,000,000					5,000,000
Plan Year 2022 Total		13,250,000					13,250,000
Department of Corrections Total		54,580,000			18,070,000		72,650,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Correctional and Public Safety	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Juvenile Justice							
Plan Year 2018							
JDC FIRE ALARM SYSTEM REPLACEMENT	1/14	450,000					450,000
Administrative Personnel Relocation	4/14	10,000,000					10,000,000
REPLACEMENT OF MIDLANDS AND UPSTATE EVALUATION CENTER CHILLERS	8/14	225,000					225,000
FLAT ROOF REPLACEMENT - FINANCE BUILDING	9/14	266,000					266,000
PAVE MEC / JDC EMERGENCY ACCESS PERIMETER ROAD.	12/14	225,000					225,000
Plan Year 2018 Total		11,166,000					11,166,000
Plan Year 2019							
LAUREL SECURITY UPGRADE	2/14	250,000					250,000
JUVENILE SLEEPING QUARTERS ENCLOSURE	5/14	2,500,000					2,500,000
ELECTRICAL GRID UPGRADE AND TRANSFER OF RESPONSIBILITY	7/14	1,200,000					1,200,000
ADMINISTRATIN BUILDING (GOLDSMITH) HVAC REPLACEMENT	10/14	200,000					200,000
WELLNESS CENTER FLAT ROOF REPLACEMENT	11/14	200,000					200,000
Plan Year 2019 Total		4,350,000					4,350,000
Plan Year 2020							
AUTOMATED SECURITY CONTROL UPGRADES FOR JUVENILE DORMITORIES	3/14	350,000					350,000
SURVEILLANCE EQUIPMENT UPGRADES	6/14	500,000					500,000
ASBESTOS ABATEMENT - EXTERIOR PANEL REPLACEMENT	13/14	1,030,000					1,030,000
SURVEILLANCE EQUIPMENT UPGRADES	14/14	200,000					200,000
Plan Year 2020 Total		2,080,000					2,080,000
Department of Juvenile Justice Total		17,596,000					17,596,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Correctional and Public Safety	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Law Enforcement Training Council							
Plan Year 2019							
CARPET REPLACEMENT	1/13	230,799					230,799
VILLAGE DORMITORY REST ROOM RENOVATIONS	2/13	520,000					520,000
RENOVATE ALL MAIN CAMPUS DORMITORY RESTROOMS	3/13	1,195,493					1,195,493
Plan Year 2019 Total		1,946,292					1,946,292
Plan Year 2020							
ROOF REPAIRS TO BUILDING #31 (WAREHOUSE)	4/13	73,788					73,788
ROOF REPAIRS TO THE CENTRAL ENERGY FACILITY	5/13	58,708					58,708
REPLACE TRANSLUCENT PANELS ON WEAPONS RANGES 1, 2, & 3	6/13	94,536					94,536
REPLACE TRANSLUCENT PANELS ON RIFLE RANGE DECK BLDG. 113	7/13	18,304					18,304
PAVING PROJECTS	8/13	520,905					520,905
REPLACE TARGET SYSTEM ON WEAPONS RANGE 3	9/13	250,000					250,000
UPGRADE HVAC IN SUITE 124, AND OFFICES 121 and 122	10/13	112,297					112,297
Plan Year 2020 Total		1,128,538					1,128,538
Plan Year 2021							
REPLACE PRACTICAL PROBLEM VILLAGE BLDGS. 107, 108, 109, 110	11/13	701,800					701,800
REPLACE FATS TRAINING BUILDINGS #102, #105	12/13	450,000					450,000
Plan Year 2021 Total		1,151,800					1,151,800
Plan Year 2022							
CONSTRUCT INDOOR FIRING RANGE	13/13	6,600,000					6,600,000
Plan Year 2022 Total		6,600,000					6,600,000
Law Enforcement Training Council Total		10,826,630					10,826,630
Correctional and Public Safety Total		83,002,630			18,070,000		101,072,630

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Executive and Administrative	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Administration							
Plan Year 2018							
Assembly Street Parking Deck Repair	0/0				250,615		250,615
Brown Building - 1st Floor Upfit for SCJD-ODC	0/0				239,855		239,855
Caldwell Boylston House - Exterior Repairs	0/0				308,912		308,912
Governor's Mansion Garage Support Offices - Renovation	0/0				249,919		249,919
Governor's Mansion Lace House - Chiller and AHU Replacement	0/0				241,241		241,241
Mills/Jarrett Building - Replace Boilers	0/0				205,616		205,616
Sumter Street Building - Replace HVAC System	0/0				531,360		531,360
Blatt Building Elevator Modernization	1/58				1,000,000		1,000,000
DSS Harden Street Roof Replacement (Overlay) and Curtain Wall Repair	2/58				500,000		500,000
Energy Facility Replace VFDs	3/58				168,000		168,000
Calhoun Building - Repair Parapets to Mitigate Water Infiltration	4/58				280,000		280,000
Blatt Building Replace Hot/Cold Water Pumps & Heat Exchangers	5/58				350,000		350,000
Rutledge Steam Coil Replacement	6/58				119,175		119,175
Sims/Aycock Cooling Tower Replacement	7/58				150,000		150,000
Dennis Building Elevator Modernization	8/58				1,500,000		1,500,000
Blatt Building Replace VAV Terminal Hot Water Reheat 0-600CFM	9/58				704,547		704,547
Mills/Jarrett Building Window Sill Waterproofing (Jarrett Building)	10/58				200,000		200,000
Qualified Energy Conservation Bond Projects	11/58		27,000,000				27,000,000
Plan Year 2018 Total			27,000,000		6,999,240		33,999,240

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Executive and Administrative	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Administration							
Plan Year 2019							
Columbia Mills Atrium Roof/Window and Vertical Curtain Wall Repair	12/58				840,000		840,000
Energy Facility Replace Roof	13/58				355,698		355,698
Hayne Lab Replace/Upgrade Elevator Controls and Modernization of Freight Elevator	14/58				300,000		300,000
North Towers - HVAC System	15/58				1,116,881		1,116,881
Mills/Jarrett Building Lightning Protection System	16/58				350,000		350,000
State House Escalator Replacement	17/58	2,800,000					2,800,000
Wade Hampton Building Elevator Modernization	18/58	900,000					900,000
Wade Hampton Building Replace Chilled and Hot Water Distribution Systems	19/58	4,800,000					4,800,000
Adjutant General Office Building - Air Handling, VAV, Controls, Duct repair	20/58	1,150,502					1,150,502
Plan Year 2019 Total		9,650,502			2,962,579		12,613,081

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Executive and Administrative	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Administration							
Plan Year 2020							
State House Portico Pavers/Drainage Waterproof Membrane	21/58				300,000		300,000
Sumter Street Brick Wall Repointing	22/58				800,000		800,000
Governor's Mansion Exterior Painting and Shutter Replacement	23/58				240,000		240,000
Senate Street Building - Branch Wiring	24/58				329,766		329,766
McEachern Parking Facility Roll Up Doors	25/58				200,000		200,000
Governor's Mansion - Lace House Fire Alarm System	26/58				185,185		185,185
Sims/Aycock Grounding System Replacement	27/58				435,112		435,112
Energy Facility Replace Boiler	28/58				250,000		250,000
Gressette Building Replace VAV Terminal Hot Water Reheat 0-600CFM	29/58				310,000		310,000
Calhoun Building Replace VAV Terminal Hot Water Reheat	30/58	400,828					400,828
Calhoun Building Replace/Upgrade Elevator Controls and Modernize	31/58	558,832					558,832
North Towers Building Lightning Protection System	32/58	447,897					447,897
Adjutant General Building Replace Chilled and Hot Water Distribution Systems	33/58	687,682					687,682
McEachern Parking Facility Revamp CO2 Fan and Controls	34/58	1,000,000					1,000,000
North Towers Building Flooring Repair and Replacement	35/58	311,208					311,208
Gressette Building Replace Chilled Water System	36/58	954,524					954,524
Senate Street Building Flooring Repair and Replacement	37/58	103,063					103,063
Mills/Jarrett Replace Lighting Equipment	38/58	1,027,469					1,027,469
Sims/Aycock Parking Lot Repair and Replacement	38/58	500,000					500,000
McEachern Parking Facility Replace High Voltage Switches and Unit Stations	39/58	2,725,000					2,725,000
Mills/Jarrett Chilled and Hot Water Distribution Systems	40/58	1,269,518					1,269,518
Plan Year 2020 Total		9,986,021			3,050,063		13,036,084

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Executive and Administrative	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Administration							
Plan Year 2021							
State Library Lower Roof Replacement	41/58				350,000		350,000
Gressette Building Replace Windows	42/58				765,000		765,000
Mills/Jarrett Replace Fan Coil Units	43/58				734,000		734,000
Supreme Court Air Distribution, Heating and Cooling	44/58				290,000		290,000
Harden Street DSS Parking Lot Repair and Replacement	45/58				330,000		330,000
Multiple Buildings Exterior Cleaning	46/58				200,000		200,000
Mills/Jarrett Building Flooring Repair and Replacement	47/58				400,000		400,000
Supreme Court Parking Lot Repair and ADA Compliance	48/58				150,000		150,000
Columbia Mills HVAC Mechanical System	49/58	23,000,000					23,000,000
Plan Year 2021 Total		23,000,000			3,219,000		26,219,000
Plan Year 2022							
Governor's Mansion Window Repair/Replacement	0/0				50,000		50,000
State Library Grounding Systems	50/58				109,486		109,486
Columbia Mills Replace/Repair Structural Frame	51/58				262,100		262,100
Sims/Aycock Building Envelope Repairs	52/58				300,000		300,000
Dennis Building Flooring Repair and Replacement	53/58				350,000		350,000
State House Refinish Marble Floors	54/58				750,000		750,000
Multiple Buildings Exterior Cleaning	55/58				500,000		500,000
Wade Hampton Building Flooring Repair and Replacement	56/58				260,000		260,000
Columbia Mills Chilled/Hot Water Distribution Systems	57/58	9,200,000					9,200,000
State House Exterior Painting	58/58	750,000					750,000
Plan Year 2022 Total		9,950,000			2,581,586		12,531,586
Department of Administration Total		52,586,523	27,000,000		18,812,468		98,398,991

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Executive and Administrative	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Office of Adjutant General							
Plan Year 2018							
Armory Revitalizations 2017-2018 (Annualized)	1/50		5,000,000	5,500,000			10,500,000
McEntire Secure Area Facility	2/50			3,000,000			3,000,000
Orangeburg RC Organizational Parking (Unsurfaced)	3/50	163,000		163,000			326,000
MTC Bldg 3800 DFAC Generator Transfer Switch Installation	4/50			172,200			172,200
USPFO Warehouse Latrines/Breakroom	5/50			535,521			535,521
MTC Compass Road Bridge Replacement	6/50			648,000			648,000
Anderson RC Facility Upgrades	7/50			400,000			400,000
Statewide Readiness Center Female Latrines (Annualized)	8/50	225,000		675,000			900,000
Statewide Armory Standalone Kitchens (Annualized)	9/50	228,000		684,000			912,000
Training Sites TT Enlisted Barracks Replacement (Annualized)	10/50			1,404,000			1,404,000
Training Center Roof Replacements (Annualized)	11/50			1,465,000			1,465,000
Hartsville RC Organizational Parking (Unsurfaced)	12/50	41,000		123,000			164,000
Statewide POV Parking Improvements (Annualized)	13/50		75,000	75,000			150,000
MTC Quality Recycle Program Facility	14/50			1,640,400			1,640,400
McEntire JAFRC Supply Building	15/50			1,500,000			1,500,000
MTC Lift Station & Gravity Sewer Replacement	16/50			1,200,000			1,200,000
MTC Bldg 3800 HVAC Replacement	17/50			468,000			468,000
Olympia Armory New Gravity Sewer Construction	18/50	440,000					440,000
McEntire AASF LED Lighting Upgrade	19/50			183,800			183,800
McEntire CSMS LED Lighting Upgrade	20/50			225,800			225,800
McCrary Laundry Facility Solar Water Heater	21/50			146,300			146,300
Plan Year 2018 Total		1,097,000	5,075,000	20,209,021			26,381,021

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Executive and Administrative	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Office of Adjutant General							
Plan Year 2019							
Armory Revitalizations 2018-2019 (Annualized)	22/50		5,000,000	5,500,000			10,500,000
Training Sites TT Enlisted Barracks Replacement (Annualized)	23/50			1,404,000			1,404,000
Summerville Readiness Center (Phase I Design)	24/50		1,265,000	17,702,000			18,967,000
Install Radiant Gas Heaters in Storage Hanger	25/50			220,000			220,000
Statewide Readiness Center Female Latrines (Annualized)	26/50	225,000		675,000			900,000
Training Center Roof Replacements (Annualized)	27/50			1,465,000			1,465,000
Statewide Armory Standalone Kitchens (Annualized)	28/50	228,000		684,000			912,000
Statewide POV Parking Improvements (Annualized)	29/50		75,000	75,000			150,000
Plan Year 2019 Total		453,000	6,340,000	27,725,000			34,518,000
Plan Year 2020							
Armory Revitalizations 2019-2020 (Annualized)	30/50		5,000,000	5,500,000			10,500,000
Training Sites TT Enlisted Barracks Replacement (Annualized)	31/50			1,404,000			1,404,000
Summerville Readiness Center	32/50		1,265,000	17,702,000			18,967,000
McCrary Multi-Purpose Machine Gun Range (Construction)	33/50			7,473,000			7,473,000
Statewide Readiness Center Female Latrines (Annualized)	34/50	225,000		675,000			900,000
Training Center Roof Replacements (Annualized)	35/50			1,465,000			1,465,000
Statewide Armory Standalone Kitchens (Annualized)	36/50	228,000		684,000			912,000
Statewide POV Parking Improvements (Annualized)	37/50		75,000	75,000			150,000
Plan Year 2020 Total		453,000	6,340,000	34,978,000			41,771,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Executive and Administrative	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Office of Adjutant General							
Plan Year 2021							
Armory Revitalizations 2020-2021 (Annualized)	38/50		5,000,000	5,500,000			10,500,000
Training Sites TT Enlisted Barracks Replacement (Annualized)	39/50			1,404,000			1,404,000
Summerville Readiness Center	40/50		1,265,000	17,702,000			18,967,000
Statewide Readiness Center Female Latrines (Annualized)	41/50	225,000		675,000			900,000
Training Center Roof Replacements (Annualized)	42/50			1,465,000			1,465,000
Statewide Armory Standalone Kitchens (Annualized)	43/50	228,000		684,000			912,000
Statewide POV Parking Improvements (Annualized)	44/50		75,000	75,000			150,000
Plan Year 2021 Total		453,000	6,340,000	27,505,000			34,298,000
Plan Year 2022							
Armory Revitalizations 2021-2022 (Annualized)	45/50		4,421,000	5,479,000			9,900,000
Training Sites TT Enlisted Barracks Replacement (Annualized)	46/50			1,404,000			1,404,000
Statewide Readiness Center Female Latrines (Annualized)	47/50	225,000		675,000			900,000
Training Center Roof Replacements (Annualized)	48/50			1,465,000			1,465,000
Statewide Armory Standalone Kitchens (Annualized)	49/50	228,000		684,000			912,000
Statewide POV Parking Improvements (Annualized)	50/50		75,000	75,000			150,000
Plan Year 2022 Total		453,000	4,496,000	9,782,000			14,731,000
Office of Adjutant General Total		2,909,000	28,591,000	120,199,021			151,699,021

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Executive and Administrative	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
State Law Enforcement Division							
Plan Year 2018							
SLED Central Warehouse and Supply Facility Refurbishment - Project # 9526	1/6				450,460		450,460
SLED Information Technology Area Remodel - Project # 9525	2/6				321,900		321,900
Plan Year 2018 Total					772,360		772,360
Plan Year 2019							
New Forensics Laboratory Building - Project # 9976	3/6				60,570,219		60,570,219
Plan Year 2019 Total					60,570,219		60,570,219
Plan Year 2020							
CJIS HVAC Replacement	4/6	490,000					490,000
CJIS Roof Replacement	5/6	355,000					355,000
Plan Year 2020 Total		845,000					845,000
Plan Year 2021							
Former Forensics Laboratory Renovation	6/6				6,600,000		6,600,000
Plan Year 2021 Total					6,600,000		6,600,000
State Law Enforcement Division Total		845,000			67,942,579		68,787,579
Executive and Administrative Total		56,340,523	55,591,000	120,199,021	86,755,047		318,885,591

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Health and Social Services	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Disabilities and Special Needs							
Plan Year 2018							
Coastal Center - Maintenance, B-2 Administration, and Centerview Program Buildings - Roofing Repair and Replacement	1/5		350,000				350,000
Midlands Center- Palmetto Dorm - Renovate Bathing, Toilet, & Dining Areas	1/4		480,000				480,000
Statewide- Regional Centers and Community Facilities - Preventive Maintenance	1/1		2,840,000				2,840,000
Statewide- Regional Centers and Community Facilities - Preventive Maintenance	1/1		2,840,000				2,840,000
Statewide- Regional Centers and Community Facilities - Preventive Maintenance	1/1		3,190,000				3,190,000
Coastal Center - B-1 Admin/ Highlands 210/ Kitchen/ Warehouse/ Annex - Roof Replacement	2/4		600,000				600,000
Coastal Center- Campus Wide- Fire Alarm Network Replacement	2/5		500,000				500,000
Coastal Center - Highlands 510, Highlands Dorm 110, & Hillside Dorm 520 - HVAC System Replacement	3/4		845,000				845,000
Coastal Center- Hillside Dorms 220 and 320- HVAC Replacement	3/5		220,000			20,000	240,000
Coastal Center- Hillside 220-320-420-520 -620 and Highlands 110-310-710-810-910 - Replace Retherms	4/5		400,000				400,000
Pee Dee Center - Gymnasium - HVAC System Replacement	4/4		300,000				300,000
Coastal Center - Staff Dev/Conference; Lakeside 430; and Lakeside 530 - Demolish Buildings	5/5		300,000				300,000
Plan Year 2018 Total			12,865,000			20,000	12,885,000
Department of Disabilities and Special Needs Total			12,865,000			20,000	12,885,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Health and Social Services	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Mental Health							
Plan Year 2018							
J12-9736-FW; Harris Hospital HVAC/Fire Sprinkler Renovations	1/49				13,089,595		13,089,595
J12-9751 Crafts Farrow Campus Electrical Distribution System Renovations	2/49	3,546,000			54,000		3,600,000
Community Buildings Deferred Maintenance	3/49	3,000,000					3,000,000
Inpatient Buildings Deferred Maintenance	4/49	700,000			300,000		1,000,000
Orangeburg MHC Roof Replacement	5/49				500,000		500,000
Plan Year 2018 Total		7,246,000			13,943,595		21,189,595
Plan Year 2019							
Anderson-Oconee-Pickens Mental Health Center Construction	6/49	12,430,000					12,430,000
Catawba Mental Health Center Construction	7/49	12,430,000					12,430,000
Columbia Area Mental Health Center Construction Phase III	8/49	8,050,000					8,050,000
Campbell State Veterans Nursing Home Renovations	9/49	3,940,000					3,940,000
Tucker Center (Roddey Flooring, Laundry & Nurse Call Renovations)	10/49	2,000,000					2,000,000
Crafts Farrow Building 29 HVAC Renovations	11/49	300,000					300,000
Demolish six vacant buildings on the Crafts Farrow campus	12/49	2,135,000					2,135,000
Morris Village Nursing Station Renovations	13/49	450,000					450,000
Plan Year 2019 Total		41,735,000					41,735,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Health and Social Services	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Mental Health							
Plan Year 2020							
Bryan Psychiatric Hospital Roof & HVAC Replacements	14/49	2,420,000					2,420,000
Bryan Lodges (Water Isolation, Tile Replacement and Storefront Replacement)	15/49	1,700,000					1,700,000
Bryan & MV Sidewalk Construction, Repairs and Covers	16/49	350,000					350,000
Harris Hospital Renovations Lodges A, G, H, J, and K	17/49	470,000					470,000
Central Administrative Building Renovation	18/49	2,200,000					2,200,000
Physical Medicine Building A/C and Roof Replacement	19/49	350,000					350,000
Morris Village Administrative Modularity and West Classroom Replacement	20/49	500,000					500,000
J12-9739-AC; State Veterans Nursing Home Northeast	21/49	13,790,220		26,124,695			39,914,915
J12-9740-AC; State Veterans Nursing Home Northwest	22/49	14,397,570		26,738,345			41,135,915
J12-9737-AC; State Veterans Nursing Home Central	23/49	14,103,658		26,192,507			40,296,165
DIS Central Pharmacy Construction	24/49	1,485,000					1,485,000
Building 29 Roof Replacement	25/49	1,700,000					1,700,000
Plan Year 2020 Total		53,466,448		79,055,547			132,521,995

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Health and Social Services	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Mental Health							
Plan Year 2021							
Edgefield Mental Health Clinic Construction	26/49	2,000,000					2,000,000
Construction of a second floor addition to the Charleston MHC Children's Clinic Wing	27/49	3,245,000					3,245,000
Harris Hospital Sanitary Sewer System Evaluation and Renovations	28/49	540,000					540,000
Harris Hospital Activity Shelters Construction	29/49	300,000					300,000
Lexington County Community Mental Health Center	30/49	14,000,000					14,000,000
Tucker Center Storage Building Construction	31/49	1,200,000					1,200,000
Storm Drainage Improvements at Bryan	32/49	550,000					550,000
Crafts Farrow Campus Road/Parking Lot Repairs and Repavement	33/49	1,400,000					1,400,000
Kershaw Mental Health Clinic Addition and Roof Replacement	34/49	1,800,000					1,800,000
Cherokee Mental Health Clinic Construction	35/49	3,600,000					3,600,000
Crafts Farrow Building 17, Public Safety Renovation	36/49	1,680,000					1,680,000
Crafts Farrow Building 6 Renovation	37/49	2,560,000					2,560,000
Orangeburg Mental Health Center Renovations	38/49	150,000					150,000
Plan Year 2021 Total		33,025,000					33,025,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Health and Social Services	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Mental Health							
Plan Year 2022							
Construction of a new Pickens Mental Health Center	39/49	3,000,000					3,000,000
Construct a new Aiken Barnwell Mental Health Clinic to replace the Hartzog Clinic	40/49	2,400,000					2,400,000
Construction of a new Abbeville Mental Health Clinic	41/49	1,800,000					1,800,000
Harris Hospital Pavement and Exterior Lighting Renovations	42/49	600,000					600,000
Interior renovations of patient areas at Harris Psychiatric Hospital	43/49	920,000					920,000
Harris Psychiatric Hospital Renovation and Expansion of A&D and Public Safety	44/49	500,000					500,000
Construction of a new Brook Pine CRCF and Gaston Clinic	45/49	3,600,000					3,600,000
Construction of an addition to the Clarendon Mental Health Clinic	46/49	2,000,000					2,000,000
Construction of a new Bishopville Mental Health Clinic	47/49	2,400,000					2,400,000
Construction of a new Union Mental Health Clinic	48/49	2,400,000					2,400,000
Construction of a new McCormick Mental Health Clinic	49/49	1,397,000					1,397,000
Plan Year 2022 Total		21,017,000					21,017,000
Department of Mental Health Total		156,489,448		79,055,547	13,943,595		249,488,590

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Health and Social Services	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
John de la Howe School							
Plan Year 2018							
Water Tower	1/13	190,000					190,000
Roof Administration	2/12					245,000	245,000
Family Center Roof	3/12					134,500	134,500
Residential Cottage Renovation	10/12					64,000	64,000
Swimming Pool Renovation	13/13					75,000	75,000
Plan Year 2018 Total		190,000				518,500	708,500
Plan Year 2019							
Computer System Upgrade	4/12				76,350		76,350
School	7/12					108,000	108,000
Infirmery HVAC Plumbing	8/12					129,000	129,000
Wilderness Project	9/12	36,500					36,500
Cottage Renovation	11/12					89,500	89,500
Plan Year 2019 Total		36,500			76,350	326,500	439,350
Plan Year 2020							
Superintendent's House	10/12					37,500	37,500
Plan Year 2020 Total						37,500	37,500
Plan Year 2021							
Campus Agricultural Expansion	6/12	2,675,000					2,675,000
Plan Year 2021 Total		2,675,000					2,675,000
John de la Howe School Total		2,901,500			76,350	882,500	3,860,350

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Health and Social Services	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
State Housing Finance and Development Authority							
Plan Year 2018							
Facility's wiring (for Uninterruptible Power Supply [UPS] and backup generator)	1/3				20,000		20,000
Front Desk Transaction Windows	3/3				8,000		8,000
Plan Year 2018 Total					28,000		28,000
Plan Year 2019							
Fire Supression System Installation	2/3				200,000		200,000
Plan Year 2019 Total					200,000		200,000
State Housing Finance and Development Authority Total					228,000		228,000
Health and Social Services Total		159,390,948	12,865,000	79,055,547	14,247,945	902,500	266,461,940

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

K-12 Education and Cultural	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Education							
Plan Year 2018							
GSSM Statewide Outreach/Engineering & STEM Conference Center (Project #H63-9515-MJ)	1/2	15,471,900			5,720,236		21,192,136
Richland school bus shop parking lot renovations.	1/4				160,000		160,000
School Bus Shop Oil and Water Separation Repairs	2/4				350,000		350,000
9502-AC	2/2	1,344,850					1,344,850
Plan Year 2018 Total		16,816,750			6,230,236		23,046,986
Plan Year 2019							
SCGSAH Fire Protection Component Upgrade	1/7	480,000					480,000
SCGSAH Dining Hall Expansion and Furniture Replacement	3/7	280,000			210,000		490,000
School Bus Shop roofing project.	3/4	525,000					525,000
SCGSAH Elevator Upgrade	4/7	155,000					155,000
SCGSAH HVAC Split System Replacement	6/7	150,000					150,000
Repave SCGSAH parking lot and roads	7/7	235,000					235,000
Plan Year 2019 Total		1,825,000			210,000		2,035,000
Plan Year 2020							
SCGSAH HVAC Chiller Replacement	2/7	260,000					260,000
School Bus Shops Parking lot renovation projects	4/4	1,250,000					1,250,000
SCGSAH Property Acquisition for Program and Performance Space Expansion and Associated Parking	5/7	8,750,000					8,750,000
Plan Year 2020 Total		10,260,000					10,260,000
Department of Education Total		28,901,750			6,440,236		35,341,986

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

K-12 Education and Cultural	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
School for the Deaf and Blind							
Plan Year 2018							
Campus Master Plan	1/2	150,000					150,000
Early Childhood Development Center	2/2	2,835,000				700,000	3,535,000
Plan Year 2018 Total		2,985,000				700,000	3,685,000
School for the Deaf and Blind Total		2,985,000				700,000	3,685,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

K-12 Education and Cultural	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Vocational Rehabilitation Department							
Plan Year 2018							
Holmesview Center	1/28			4,263,755	5,236,245		9,500,000
IT Emergency Generator	2/28			231,000			231,000
Evaluation Ctr Parking Lots/Road Repaving	3/28	110,000		390,000			500,000
Rehabilitation Eng & ITTC Parking Lots/Road Repaving	4/28	110,000		390,000			500,000
Marlboro VR Center Paving	5/28	100,000		340,000			440,000
Rock Hill VR Center Reroofing	12/28	130,000		385,000			515,000
Orangeburg VR Center Reroofing	13/28	120,000		360,000			480,000
Conway VR Center Repaving	14/28	130,000		375,000			505,000
Richland VR Center Phase II	15/28	4,300,000		4,300,000			8,600,000
Greenville Client Restroom Renovation	16/28	45,000		135,000			180,000
Greenville Parking Lot Expansion & Repair	17/28	210,000		620,000			830,000
Conway VR Center Reroofing	18/28	125,000		375,000			500,000
Walterboro VR Center Repaving	19/28	170,000		507,000			677,000
Lexington VR Center Repaving	20/28	125,000		375,000			500,000
Spartanburg VR Center Repaving	21/28	125,000		375,000			500,000
Spartanburg Client Restroom Renovation	22/28	45,000		135,000			180,000
Berkeley-Dorchester VR Center Reroofing	23/28	115,000		345,000			460,000
Berkeley-Dorchester VR Center Repaving	24/28	125,000		375,000			500,000
Camden VR Center Reroofing	25/28	112,500		337,500			450,000
Camden VR Center Repaving	26/28	125,000		375,000			500,000
Beaufort VR Center Repaving	27/28	162,500		487,500			650,000
SCVRD State Office Reroofing	28/28	425,000					425,000
Plan Year 2018 Total		6,910,000		15,476,755	5,236,245		27,623,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

K-12 Education and Cultural	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Vocational Rehabilitation Department							
Plan Year 2019							
Oconee Pickens VR Center Expansion & Roof	6/28	800,000		1,100,000			1,900,000
Anderson VR Center Roof	7/28	112,000		413,000			525,000
Beaufort VR Center Roof	8/28	103,000		377,800			480,800
Greenwood VR Center Roof	9/28	108,000		397,550			505,550
Sumter VR Center Roof	10/28	96,000		354,000			450,000
Anderson VR Center Repaving	11/28	130,000		477,000			607,000
Plan Year 2019 Total		1,349,000		3,119,350			4,468,350
Vocational Rehabilitation Department Total		8,259,000		18,596,105	5,236,245		32,091,350

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

K-12 Education and Cultural	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Wil Lou Gray Opportunity School							
Plan Year 2018							
Campuswide Improvements	1/1					500,000	500,000
Plan Year 2018 Total						500,000	500,000
Wil Lou Gray Opportunity School Total						500,000	500,000
K-12 Education and Cultural Total		40,145,750		18,596,105	11,676,481	1,200,000	71,618,336

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Public Safety	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Public Safety							
Plan Year 2018							
Blythewood Complex Roof Replacements	1/10				700,000		700,000
Plan Year 2018 Total					700,000		700,000
Plan Year 2019							
Central Evidence Warehouse Construction	2/10	2,300,000					2,300,000
Highway Patrol Troop 1 & 5 Interior Upgrades	3/10				200,000		200,000
Highway Patrol Supply Warehouse HVAC System Replacement	4/10				500,000		500,000
Plan Year 2019 Total		2,300,000			700,000		3,000,000
Plan Year 2020							
Fleet Shop Renovations	5/10				450,000		450,000
Blythewood Complex Boiler Replacement	6/10				400,000		400,000
Highway Patrol Facilities Statewide Paving	7/10	952,500					952,500
Plan Year 2020 Total		952,500			850,000		1,802,500
Plan Year 2021							
DPS/DMV Headquarters Paving Replacement & Repairs	8/10	600,000					600,000
Plan Year 2021 Total		600,000					600,000
Plan Year 2022							
Blythewood Complex Chiller Replacement	9/10	530,000					530,000
Highway Patrol Statewide HVAC Upgrades	10/10	290,000					290,000
Plan Year 2022 Total		820,000					820,000
Department of Public Safety Total		4,672,500			2,250,000		6,922,500
Public Safety Total		4,672,500			2,250,000		6,922,500

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Regulatory	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Employment and Workforce							
Plan Year 2019							
Cooling Tower Replacement - Robert E. David Building	1/2				150,000		150,000
VAV Retrofit Project - Robert E. David Building	2/2				400,000		400,000
Plan Year 2019 Total					550,000		550,000
Plan Year 2020							
Parking Lot Repavement - UI Hub and Field Service - Columbia Building	1/2				163,000		163,000
Parking Lot Overlay - SC Works - Midlands Building	2/2				335,000		335,000
Plan Year 2020 Total					498,000		498,000
Plan Year 2021							
Parking Lot Overlay - Robert E. David Building	1/2				498,000		498,000
Hampton/Gadsden Street Parking Lot - Central Office Complex	2/2				125,000		125,000
Plan Year 2021 Total					623,000		623,000
Plan Year 2022							
Waterproofing C Lem Harper Building	1/3				105,959		105,959
Window Leak Repairs C Lem Harper Building	2/3				216,808		216,808
Enclose Outside Stairwell - C Lem Harper Building	3/3				120,000		120,000
Plan Year 2022 Total					442,767		442,767
Department of Employment and Workforce Total					2,113,767		2,113,767

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Regulatory	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Labor, Licensing and Regulation							
Plan Year 2018							
SCDLLR - Fire & Life Safety Division - Project #1 -Sewer Force Main Repairs	1/18				401,511		401,511
SCDLLR - Fire & Life Safety Division - Project #2 - 2nd Phase of HVAC Replacement	2/18				100,000		100,000
SCDLLR - Fire & Life Safety Division - Project #3-Training Tower Strucural Evaluation and Repairs - Building #12	3/18				575,000		575,000
SCDLLR - Fire & Life Safety Division - Project #4 - Repair and Replace Training Fire Hydrant System (19 Total)	4/18				55,000		55,000
SCDLLR - Fire & Life Safety Division - Project #5 - Complete Assessment & Repairs of Existing Burn Buildings - Buildings #23, #14 & #13	5/18				577,500		577,500
SCDLLR - Fire & Life Safety Division - Project #6 - Fire Station 8 - Renovation	6/18				755,650		755,650
SCDLLR - Fire & Life Safety Division - Project #17 - Assessment, Update and Repair ARFF (Airline) Training Props	17/18				625,000		625,000
Plan Year 2018 Total					3,089,661		3,089,661
Plan Year 2019							
SCDLLR - Fire & Life Safety Division - Project #7 - Complete Assessment & Repairs of FLAG Props (Flammable Liquids and Gas)	7/18				797,500		797,500
SCDLLR - Fire & Life Safety Division - Project #8 - Dormitory Renovation and Repairs	8/18				3,927,000		3,927,000
SCDLLR - Fire & Life Safety Division - Project #9 - Restroom Renovation in Cafeteria and Training Classroom - Building #4	9/18				100,000		100,000
SCDLLR - Fire & Life Safety Division - Project #10 - Replacement and new installation of approximately 3-5 Generators	10/18				100,000		100,000
Plan Year 2019 Total					4,924,500		4,924,500

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Regulatory	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Labor, Licensing and Regulation							
Plan Year 2020							
SCDLLR - Fire & Life Safety Division - Project #11 - Erect Additional Burn Building	11/18				1,125,000		1,125,000
SCDLLR - Fire & Life Safety Division - Project #12-Renovation and Upgrade the Student Training Auditorium and Classrooms - Denny Building) - Building #5	12/18				520,000		520,000
SCDLLR - Fire & Life Safety Division - Project #13 - Restroom Renovation in Training Classroom Building & Remote Facility on the Training Grounds	13/18				100,000		100,000
SCDLLR - Fire & Life Safety Division - Project #14 - Renovation of Fire Marshal's office - Building #2	14/18				500,000		500,000
Plan Year 2020 Total					2,245,000		2,245,000
Plan Year 2021							
SCDLLR - Fire & Life Safety Division - Project #15 - Renovation of Fire Academy Administration Office - Building #3	15/18				500,000		500,000
SCDLLR - Fire & Life Safety Division - Project #16 - Erect Command Training Center	16/18				1,525,000		1,525,000
Plan Year 2021 Total					2,025,000		2,025,000
Plan Year 2022							
SCDLLR - Fire & Life Safety Division - Project #18 - Erect Fire Inspections Training Lab	18/18				1,525,000		1,525,000
Plan Year 2022 Total					1,525,000		1,525,000
Department of Labor, Licensing and Regulation Total					13,809,161		13,809,161

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Regulatory	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Motor Vehicles							
Plan Year 2018							
DMV ANDERSON RENOVATION	0/0				4,513		4,513
STATEWIDE DMV OFFICES REPAVING	0/0						
DMV FLORENCE RENOVATION	1/8				525,000		525,000
ADA COMPLIANCE	2/8	561,793					561,793
DMV STATEWIDE MISC. DEFERRED MAINTENANCE	3/8						
DMV PIEMOUNT DISTRICT DEFERRED MAINTENANCE	4/8						
DMV STATEWIDE HVAC UPGRADE	5/8				189,959		189,959
DMV OSHA COMPLIANCE STATEWIDE	6/8						
DMV STATEWIDE EQUIPMENT UPGRADE	7/8				249,900		249,900
DMV ORANGEBURG RENOVATION	8/8				350,000		350,000
Plan Year 2018 Total		561,793			1,319,372		1,881,165
Plan Year 2019							
ADA COMPLIANCE	1/5	461,793					461,793
DMV STATEWIDE MISC. DEFERRED MAINTENANCE	2/5						
DMV STATEWIDE HVAC UPGRADE	3/5	105,000					105,000
DMV STATEWIDE EQUIPMENT UPGRADE	4/5				60,085		60,085
DMV OSHA COMPLIANCE STATEWIDE	5/5						
Plan Year 2019 Total		566,793			60,085		626,878
Plan Year 2020							
ADA COMPLIANCE	1/3	361,793					361,793
DMV STATEWIDE MISC. DEFERRED MAINTENANCE	2/3	8,098					8,098
DMV STATEWIDE HVAC UPGRADE	3/3	129,000					129,000
Plan Year 2020 Total		498,891					498,891
Plan Year 2021							
ADA COMPLIANCE	1/1	211,793					211,793
Plan Year 2021 Total		211,793					211,793
Department of Motor Vehicles Total		1,839,270			1,379,457		3,218,727
Regulatory Total		1,839,270			17,302,385		19,141,655

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Clemson University							
Plan Year 2018							
Outdoor Fitness and Wellness Center Construction	1/23		10,500,000		2,000,000		12,500,000
Child Care Center Construction	2/23				5,000,000		5,000,000
Tennis Center Construction	3/23		12,500,000				12,500,000
Softball Complex Construction	4/23		6,500,000		6,500,000		13,000,000
Daniel Hall Renovation and Expansion	5/23		30,000,000		15,000,000		45,000,000
Advanced Materials Science Complex Building Construction	6/23		85,000,000		25,000,000		110,000,000
Center for Manufacturing Innovation Building Renovation	7/23				4,000,000		4,000,000
Plan Year 2018 Total			144,500,000		57,500,000		202,000,000
Plan Year 2019							
Lehotsky Hall Renovation	8/23		15,000,000		15,000,000		30,000,000
Soccer Operations Complex Construction	9/23		4,000,000		4,000,000		8,000,000
Plan Year 2019 Total			19,000,000		19,000,000		38,000,000
Plan Year 2020							
Core Campus Safety and Revitalization	10/23				17,000,000		17,000,000
Walter Cox Boulevard Pedestrian Safety Renovations	11/23				5,000,000		5,000,000
Chapel Construction	12/23				5,000,000		5,000,000
Johnstone Hall Demolition	13/23				5,000,000		5,000,000
Newman Hall Demolition and Replacement	14/23		20,000,000				20,000,000
Lightsey Bridge I Renovation	15/23				10,000,000		10,000,000
Byrnes Hall Renovation	16/23				7,000,000		7,000,000
Baseball Practice Facility Construction	17/23				3,000,000		3,000,000
Plan Year 2020 Total			20,000,000		52,000,000		72,000,000
Plan Year 2021							
Martin Hall Renovation	18/23		9,000,000		9,000,000		18,000,000
Long Hall Renovation	19/23		13,000,000		13,000,000		26,000,000
South Chiller Plant Expansion and Upgrades	20/23		20,000,000				20,000,000
Wastewater Treatment Plant	21/23		6,000,000				6,000,000
Lever Hall Renovation	22/23				7,000,000		7,000,000
Plan Year 2021 Total			48,000,000		29,000,000		77,000,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Clemson University							
Plan Year 2022							
Smith Hall Renovation	23/23				8,000,000		8,000,000
Plan Year 2022 Total					8,000,000		8,000,000
Clemson University Total			231,500,000		165,500,000		397,000,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Coastal Carolina University							
Plan Year 2018							
Williams Brice Gymnasium HVAC Renovation	1/9				2,500,000		2,500,000
Plan Year 2018 Total					2,500,000		2,500,000
Plan Year 2019							
Academic Enrichment Building and Auditorium	2/9				30,000,000		30,000,000
Soccer Complex	3/9				5,000,000		5,000,000
Plan Year 2019 Total					35,000,000		35,000,000
Plan Year 2020							
Eaglin Hall Residence Hall Renovation	4/9				3,800,000		3,800,000
Kimbel Library HVAC Renovation	5/9				2,800,000		2,800,000
Plan Year 2020 Total					6,600,000		6,600,000
Plan Year 2021							
Academic Classroom Office Building III	6/9				21,000,000		21,000,000
HTC Center Expansion	7/9				6,000,000		6,000,000
Plan Year 2021 Total					27,000,000		27,000,000
Plan Year 2022							
Kearns Hall Renovation	8/9				6,500,000		6,500,000
Lib Jackson Student Union Annex II	9/9				18,000,000		18,000,000
Plan Year 2022 Total					24,500,000		24,500,000
Coastal Carolina University Total					95,600,000		95,600,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
College of Charleston							
Plan Year 2018							
Avery Envelope Renovation and Mechanical System Replacement	1/27				2,267,955		2,267,955
Sottile Theatre Stage Renovation	2/27				4,709,700		4,709,700
City Bistro Interior Renovation	3/27				2,172,100		2,172,100
McAlister Residence Hall Renovation	4/27				5,931,500		5,931,500
58 George Street Renovation	5/27				3,900,000		3,900,000
123 Bull Street Renovation	6/27				3,200,000		3,200,000
Potential Land Acquisition	7/27				4,000,000		4,000,000
Plan Year 2018 Total					26,181,255		26,181,255
Plan Year 2019							
Simons Center for the Arts Renovation	8/27	43,685,000			315,000		44,000,000
Silcox Physical Education and Health Center Renovation	9/27	23,000,000			3,000,000		26,000,000
Center for Learning Technology Construction	10/27	35,000,000					35,000,000
Stern Student Center Conversion	11/27	11,500,000					11,500,000
327-329 King Street Renovation	12/27				8,100,000		8,100,000
13 Coming Street Renovation	13/27				3,150,000		3,150,000
Potential Land Acquisition	14/27				4,000,000		4,000,000
Plan Year 2019 Total		113,185,000			18,565,000		131,750,000
Plan Year 2020							
Stern Student Center Food Court Renovation	15/27				2,500,000		2,500,000
Craig Residence Hall Replacement	16/27		43,600,000				43,600,000
Electrical Grid Repair and Replacement	17/27		15,000,000				15,000,000
26 Glebe Street Renovation	18/27				2,400,000		2,400,000
Potential Land Acquisition	19/27				4,000,000		4,000,000
Plan Year 2020 Total			58,600,000		8,900,000		67,500,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
College of Charleston							
Plan Year 2021							
Steam Energy System Repair / Replacement	20/27		20,000,000				20,000,000
Chilled Water System Repair/Replacement	21/27		10,500,000				10,500,000
44 Saint Philip Street Renovation	22/27				1,000,000		1,000,000
Potential Land Acquisition	23/27				4,000,000		4,000,000
Plan Year 2021 Total			30,500,000		5,000,000		35,500,000
Plan Year 2022							
College Lodge Residence Hall Renovation/Replacement	24/27		46,000,000				46,000,000
Robert Scott Small Building Renovation	25/27		35,000,000				35,000,000
67 George Street Renovation	26/27				2,400,000		2,400,000
Potential Land Acquisition	27/27				4,000,000		4,000,000
Plan Year 2022 Total			81,000,000		6,400,000		87,400,000
College of Charleston Total		113,185,000	170,100,000		65,046,255		348,331,255

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Francis Marion University							
Plan Year 2019							
Medical and Health Education Classroom Complex Comprehensive Renovation Project. Extensive adaptive reuse comprehensive renovation work on the interior and exterior of this historic (formerly Post Office Building) in Downtown Florence, SC.	1/4		8,000,000		3,900,000		11,900,000
Plan Year 2019 Total			8,000,000		3,900,000		11,900,000
Plan Year 2020							
Honors Learning Center New Building Construction Project. Construct a new, one story building with associated site work, roadway and parking on the Francis Marion University Main Campus.	2/4	3,100,000					3,100,000
Plan Year 2020 Total		3,100,000					3,100,000
Plan Year 2021							
School of Education / School of Business New Building Construction Project. Construct a new building with associated site work, roadway and parking on the Francis Marion University Main Campus.	3/4	100,000	23,750,000				23,850,000
Plan Year 2021 Total		100,000	23,750,000				23,850,000
Plan Year 2022							
McNair/Leatherman Science Buildings Comprehensive Renovations Project on the Francis Marion University Main Campus.	4/4	3,000,000					3,000,000
Plan Year 2022 Total		3,000,000					3,000,000
Francis Marion University Total		6,200,000	31,750,000		3,900,000		41,850,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Lander University							
Plan Year 2021							
Nursing Building Expansion and Renovation	1/2		5,000,000				5,000,000
Addition / Renovation to the Grier Student Center	2/2		7,500,000				7,500,000
Plan Year 2021 Total			12,500,000				12,500,000
Lander University Total			12,500,000				12,500,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Medical University of South Carolina							
Plan Year 2018							
Capital Renewal Projects 2017-2018 (aka Deferred Maintenance)	1/10				4,000,000		4,000,000
Courtenay Parking Garage Upgrades/Repairs	2/10				2,500,000		2,500,000
Hollings Cancer Center - 3rd Floor Renovations	3/10				4,500,000		4,500,000
College of Medicine Renovations	4/10				5,200,000		5,200,000
Plan Year 2018 Total					16,200,000		16,200,000
Plan Year 2019							
Capital Renewal Projects 2018-2019 (aka Deferred Maintenance)	5/10				4,000,000		4,000,000
Hollings Cancer Center - 6th Floor Renovations	6/10				2,000,000		2,000,000
Plan Year 2019 Total					6,000,000		6,000,000
Plan Year 2020							
Capital Renewal Projects 2019-2020 (aka Deferred Maintenance)	7/10				4,000,000		4,000,000
Hollings Cancer Center - 5th Floor Renovations	8/10				2,000,000		2,000,000
Plan Year 2020 Total					6,000,000		6,000,000
Plan Year 2021							
Capital Renewal Projects 2020-2021 (aka Deferred Maintenance)	9/10				4,000,000		4,000,000
Plan Year 2021 Total					4,000,000		4,000,000
Plan Year 2022							
Capital Renewal Projects 2021-2022 (aka Deferred Maintenance)	10/10				4,000,000		4,000,000
Plan Year 2022 Total					4,000,000		4,000,000
Medical University of South Carolina Total					36,200,000		36,200,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
South Carolina State University							
Plan Year 2018							
SCSU Campus Road Repair Project - Phase II	1/1				1,057,000		1,057,000
Plan Year 2018 Total					1,057,000		1,057,000
Plan Year 2019							
Truth Hall Renovation	1/4	8,465,000					8,465,000
SCSU Campus Roofs Replacement Project - Phase 1	2/4	1,445,000					1,445,000
Student Center Repairs	3/4	1,750,000					1,750,000
Storm Water Infrastructure Repairs & Renovations	4/4				1,500,000		1,500,000
Plan Year 2019 Total		11,660,000			1,500,000		13,160,000
Plan Year 2020							
SCSU Campus Roofs Replacement Project - Final Phase	1/1	3,755,000					3,755,000
Plan Year 2020 Total		3,755,000					3,755,000
Plan Year 2022							
Student Activity, Learning and Innovation Center	1/1		20,000,000				20,000,000
Plan Year 2022 Total			20,000,000				20,000,000
South Carolina State University Total		15,415,000	20,000,000		2,557,000		37,972,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
The Citadel – The Military College of South Carolina							
Plan Year 2018							
Daniel Library HVAC Replacement	1/20				1,500,000		1,500,000
Parking Garage	2/20		6,500,000		6,500,000		13,000,000
Plan Year 2018 Total			6,500,000		8,000,000		14,500,000
Plan Year 2019							
Byrd Hall Renovation & HVAC Replacement	3/20				5,000,000		5,000,000
Coward Hall HVAC Replacement	4/20				1,200,000		1,200,000
Duckett Hall Renovation	7/20	2,000,000			2,000,000		4,000,000
Plan Year 2019 Total		2,000,000			8,200,000		10,200,000
Plan Year 2020							
Academic Building Replacement (Capers Hall)	5/20		44,000,000		8,000,000		52,000,000
Johnson Hagood Stadium East Stands Reconstruction	6/20					15,000,000	15,000,000
Summerall Chapel Roof Replacement	8/20				1,100,000		1,100,000
Coward Hall Roof Replacement	9/20				1,500,000		1,500,000
Johnson Hagood Stadium CRC Exterior Repairs	10/20				1,300,000		1,300,000
Underground Utility System Repairs	11/20				1,700,000		1,700,000
Tennis Center Upgrades	12/20					1,500,000	1,500,000
Plan Year 2020 Total			44,000,000		13,600,000	16,500,000	74,100,000
Plan Year 2021							
Stevens Barracks Replacement	13/20				28,000,000		28,000,000
Jenkins Hall Interior Renovations	14/20				3,500,000		3,500,000
Mark Clark Hall Interior Renovations	15/20				1,890,000		1,890,000
Engineering Building Replacement	16/20		12,500,000		12,500,000		25,000,000
McAlister Field House HVAC Replacement	17/20				2,300,000		2,300,000
Plan Year 2021 Total			12,500,000		48,190,000		60,690,000
Plan Year 2022							
Athletic Support Facility	18/20					28,900,000	28,900,000
Construct Grand Hall	19/20		8,300,000				8,300,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
The Citadel – The Military College of South Carolina							
Plan Year 2022							
Construct Multi-Purpose Hall	20/20		16,900,000				16,900,000
Plan Year 2022 Total			25,200,000			28,900,000	54,100,000
The Citadel – The Military College of South Carolina Total		2,000,000	88,200,000		77,990,000	45,400,000	213,590,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
University of South Carolina – Aiken Campus							
Plan Year 2019							
Penland Building HVAC Replacement	1/6		3,500,000		500,000		4,000,000
Library Renovation/Learning Commons	2/6	8,500,000			1,500,000		10,000,000
Plan Year 2019 Total		8,500,000	3,500,000		2,000,000		14,000,000
Plan Year 2020							
Ruth Patrick Science Center Renovation/Expansion	3/6				2,000,000		2,000,000
Supply and Maintenance Relocation	4/6	1,500,000			500,000		2,000,000
Plan Year 2020 Total		1,500,000			2,500,000		4,000,000
Plan Year 2021							
Business and Education Gym Renovation	5/6	3,500,000			3,500,000		7,000,000
Old Supply and Maintenance Repurpose	6/6	2,000,000			500,000		2,500,000
Plan Year 2021 Total		5,500,000			4,000,000		9,500,000
University of South Carolina – Aiken Campus Total		15,500,000	3,500,000		8,500,000		27,500,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
University of South Carolina – Beaufort Campus							
Plan Year 2019							
Classroom Building	1/4	25,000,000					25,000,000
Library/Classroom Building Expansion	2/4		8,000,000				8,000,000
Plan Year 2019 Total		25,000,000	8,000,000				33,000,000
Plan Year 2020							
Convocation Center	3/4	28,000,000					28,000,000
OLLI (Osher Lifelong Learning Institute) Facility	4/4				5,000,000		5,000,000
Plan Year 2020 Total		28,000,000			5,000,000		33,000,000
University of South Carolina – Beaufort Campus Total		53,000,000	8,000,000		5,000,000		66,000,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
University of South Carolina – Columbia Campus							
Plan Year 2018							
SCANA Property Acquisition	1/30				9,375,000		9,375,000
Honors College Expansion	2/30	5,000,000			10,000,000		15,000,000
South Caroliniana Library Renovation	3/30	5,000,000			3,000,000		8,000,000
Speech and Hearing Uplift	4/30				2,000,000		2,000,000
Greek Village Parking Garage	5/30		34,600,000				34,600,000
Barnwell Maintenance Renovation	6/30				1,500,000		1,500,000
LeConte Maintenance Renovations	7/30				15,000,000		15,000,000
Swearingen Roof Replacement	8/30				2,000,000		2,000,000
Close-Hipp Roof Replacement	9/30				1,250,000		1,250,000
Plan Year 2018 Total		10,000,000	34,600,000		44,125,000		88,725,000
Plan Year 2019							
Jones PSC Biology Lab Renovation	10/30				2,500,000		2,500,000
Thornwell College Renovation	11/30				10,000,000		10,000,000
Taylor House Renovation	12/30				2,500,000		2,500,000
Indoor Tennis Facility	13/30		5,000,000		5,000,000		10,000,000
Plan Year 2019 Total			5,000,000		20,000,000		25,000,000
Plan Year 2020							
New School of Medicine Columbia Campus - Medical Teaching Facility	14/30	50,000,000	30,000,000				80,000,000
Gamecock Park RV Parking and Land Acquisition	15/30		5,950,000		5,950,000		11,900,000
Crews Building Renovation	16/30				6,000,000		6,000,000
School of Medicine VA Campus - Building #2 HVAC Renovation	17/30				1,375,000		1,375,000
War Memorial Renovation	18/30				4,200,000		4,200,000
300 Main Roof Replacement	19/30				1,850,000		1,850,000
Plan Year 2020 Total		50,000,000	35,950,000		19,375,000		105,325,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
University of South Carolina – Columbia Campus							
Plan Year 2021							
Woodrow College Renovation	20/30		11,900,000				11,900,000
School of Medicine Building #1 HVAC Renovation	21/30				8,000,000		8,000,000
School of Medicine Building #4 HVAC Renovation	22/30				3,000,000		3,000,000
School of Medicine Building #4 Animal Space	23/30				1,375,000		1,375,000
School of Medicine Building #101 Learning Studio	24/30				1,450,000		1,450,000
Golf Team Facility	25/30				2,500,000		2,500,000
Blatt P.E. Center Roof Replacement	26/30				2,600,000		2,600,000
Plan Year 2021 Total			11,900,000		18,925,000		30,825,000
Plan Year 2022							
Capstone Hall Renovation	27/30		82,800,000				82,800,000
Maxcy College Renovation	28/30				5,000,000		5,000,000
Library Annex Addition	29/30				6,000,000		6,000,000
Volleyball Facility Construction	30/30				7,000,000		7,000,000
Plan Year 2022 Total			82,800,000		18,000,000		100,800,000
University of South Carolina – Columbia Campus Total		60,000,000	170,250,000		120,425,000		350,675,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
University of South Carolina – Lancaster Campus							
Plan Year 2019							
Gregory Health and Wellness Center	1/1		750,000				750,000
Plan Year 2019 Total			750,000				750,000
University of South Carolina – Lancaster Campus Total			750,000				750,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
University of South Carolina – Salkehatchie Campus							
Plan Year 2019							
Walterboro Campus - Science Research Building	1/1		1,700,000				1,700,000
Plan Year 2019 Total			1,700,000				1,700,000
University of South Carolina – Salkehatchie Campus Total			1,700,000				1,700,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
University of South Carolina – Sumter Campus							
Plan Year 2019							
Science Building Renovation	1/3		4,500,000				4,500,000
Plan Year 2019 Total			4,500,000				4,500,000
Plan Year 2020							
Facilities Management Center	2/3	2,600,000					2,600,000
Plan Year 2020 Total		2,600,000					2,600,000
Plan Year 2021							
Renovate Student Union	3/3	1,500,000					1,500,000
Plan Year 2021 Total		1,500,000					1,500,000
University of South Carolina – Sumter Campus Total		4,100,000	4,500,000				8,600,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
University of South Carolina – Union Campus							
Plan Year 2019							
Truluck Gymnasium Renovation	1/1		990,000				990,000
Plan Year 2019 Total			990,000				990,000
University of South Carolina – Union Campus Total			990,000				990,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
University of South Carolina – Upstate Campus							
Plan Year 2018							
Hall Parcel Land Acquisiton	1/4				270,000		270,000
Plan Year 2018 Total					270,000		270,000
Plan Year 2019							
Smith Science Building Renovation	2/4		8,000,000				8,000,000
Addition/Renovation of Existing Library	3/4	17,000,000					17,000,000
Plan Year 2019 Total		17,000,000	8,000,000				25,000,000
Plan Year 2020							
Track and Field Facility Construction	4/4				3,550,000		3,550,000
Plan Year 2020 Total					3,550,000		3,550,000
University of South Carolina – Upstate Campus Total		17,000,000	8,000,000		3,820,000		28,820,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Senior Institutions and Regional Campuses	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Winthrop University							
Plan Year 2019							
Replacement of Electric Distribution System	1/14	2,000,000					2,000,000
Replacement of Underground Steam & Condensate Pipes	2/14	2,000,000					2,000,000
Fire Alarm Replacement / Upgrade	3/14	1,100,000					1,100,000
Campus Wifi Upgrade	4/14	1,300,000					1,300,000
General Building Infrastructure and Building Envelope Upgrade	5/14	4,400,000					4,400,000
Thomson Cafeteria	6/14				2,500,000		2,500,000
Alumni Center (Expand Stewart House)	7/14				2,000,000		2,000,000
General Science Building Renovation	8/14	9,000,000					9,000,000
General Science Building Addition	9/14	23,000,000					23,000,000
Multi-Media & Research Hub	10/14	60,000,000					60,000,000
Plan Year 2019 Total		102,800,000			4,500,000		107,300,000
Plan Year 2020							
Boiler Plant Expansion	11/14	1,500,000					1,500,000
Land Acquisition	12/14	1,350,000					1,350,000
Plan Year 2020 Total		2,850,000					2,850,000
Plan Year 2021							
Land Acquisition	13/14	2,000,000					2,000,000
Plan Year 2021 Total		2,000,000					2,000,000
Plan Year 2022							
Coliseum Practice Facility	14/14				12,000,000		12,000,000
Plan Year 2022 Total					12,000,000		12,000,000
Winthrop University Total		107,650,000			16,500,000		124,150,000
Senior Institutions and Regional Campuses Total		394,050,000	751,740,000		601,038,255	45,400,000	1,792,228,255

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Statewide, Unclassified and Others	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Ports Authority							
Plan Year 2018							
Post 45 Harbor Deepening Project - Project #9503	1/1	300,000,000	222,000,000	17,500,000	17,700,000		557,200,000
Plan Year 2018 Total		300,000,000	222,000,000	17,500,000	17,700,000		557,200,000
Ports Authority Total		300,000,000	222,000,000	17,500,000	17,700,000		557,200,000
Statewide, Unclassified and Others Total		300,000,000	222,000,000	17,500,000	17,700,000		557,200,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Aiken Technical College							
Plan Year 2019							
Life Science Building	1/6	8,844,000					8,844,000
Ashley J. Little Building 2nd Floor Renovation	2/6	4,000,000					4,000,000
Gregg-Graniteville Student Activities Center Renovation	3/6	2,500,000					2,500,000
Learning Resource Center Renovation	4/6	1,000,000					1,000,000
Plan Year 2019 Total		16,344,000					16,344,000
Plan Year 2021							
Access Road Extension	5/6	1,156,000					1,156,000
Plan Year 2021 Total		1,156,000					1,156,000
Plan Year 2022							
Classroom Building with Conference Center & Central Administration	6/6	18,263,438					18,263,438
Plan Year 2022 Total		18,263,438					18,263,438
Aiken Technical College Total		35,763,438					35,763,438

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Central Carolina Technical College							
Plan Year 2018							
None	0/0						
Plan Year 2018 Total							
Plan Year 2019							
Workforce Development Center	1/5	25,000,000					25,000,000
Facility Maintenance--Main Campus & F.E. Dubose Campus	2/5	4,950,000			50,000		5,000,000
Plan Year 2019 Total		29,950,000			50,000		30,000,000
Plan Year 2020							
Building 400 renovation	4/5	1,000,000					1,000,000
Plan Year 2020 Total		1,000,000					1,000,000
Plan Year 2021							
Student Center-main campus	3/5	8,811,029			2,202,757		11,013,786
Plan Year 2021 Total		8,811,029			2,202,757		11,013,786
Plan Year 2022							
Facility Maintenance--Main Campus & F.E. Dubose Campus	5/5	1,000,000					1,000,000
Plan Year 2022 Total		1,000,000					1,000,000
Central Carolina Technical College Total		40,761,029			2,252,757		43,013,786

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Denmark Technical College							
Plan Year 2018							
Renovation of Buildings 200 and 300 - Project #H59-6123	1/8	1,400,000					1,400,000
Renovation of Barnwell Workforce Center - Project #H59-6132	2/8	1,500,000					1,500,000
Plan Year 2018 Total		2,900,000					2,900,000
Plan Year 2019							
Renovation of Campus Labs for Welding and Nursing (Building 200 and Building 028)	3/8	8,000,000					8,000,000
Renovation of Culinary Arts Lab and Classrooms (Building 023 Cafeteria)	4/8	1,500,000					1,500,000
Renovation of Tutorial/Study Labs (Smith Hall Building 025)	5/8	750,000					750,000
Creation of Cybersecurity Lab and Rooms to House Students in the Program (Edisto Hall Building 700)	6/8	2,000,000					2,000,000
Plan Year 2019 Total		12,250,000					12,250,000
Plan Year 2020							
Early Childhood Development Center	7/8	692,000					692,000
Plan Year 2020 Total		692,000					692,000
Plan Year 2021							
Information Technology/Academic Support Center	8/8	5,500,000					5,500,000
Plan Year 2021 Total		5,500,000					5,500,000
Denmark Technical College Total		21,342,000					21,342,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Florence-Darlington Technical College							
Plan Year 2018							
Master Plan - Academic and Workforce Development Building	1/9	6,500,000	15,000,000		9,250,000		30,750,000
Plan Year 2018 Total		6,500,000	15,000,000		9,250,000		30,750,000
Plan Year 2019							
5000 Building Renovation	2/9	5,000,000		2,000,000			7,000,000
200 Building / Welding Labs Renovation	3/9	3,000,000					3,000,000
Campus Infrastructure Reconfigurations – Main Campus	4/9	4,000,000					4,000,000
Plan Year 2019 Total		12,000,000		2,000,000			14,000,000
Plan Year 2020							
Hartsville Satellite Campus - Education Corridor	5/9	6,000,000			2,000,000		8,000,000
300 Building Renovation	6/9	2,480,000					2,480,000
Plan Year 2020 Total		8,480,000			2,000,000		10,480,000
Plan Year 2021							
Physical Plant/Maintenance Shop Building	7/9	2,600,000					2,600,000
Child Development Center Building	8/9	4,030,000					4,030,000
Plan Year 2021 Total		6,630,000					6,630,000
Plan Year 2022							
Health Science Center	9/9	35,000,000					35,000,000
Plan Year 2022 Total		35,000,000					35,000,000
Florence-Darlington Technical College Total		68,610,000	15,000,000	2,000,000	11,250,000		96,860,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Greenville Technical College							
Plan Year 2018							
Automotive Training Complex - Bldg. 802 Roof Replacement and Building Conditioning	1/12				2,530,500		2,530,500
Barton Campus - Perimeter Road Underground Storm Drain Replacement	2/12				1,059,000		1,059,000
Plan Year 2018 Total					3,589,500		3,589,500
Plan Year 2019							
Barton Campus - Arts & Health Sciences Building Construction	3/12	29,500,000					29,500,000
McAlister Square - Bldg. 603 Second Floor Renovation	4/12	9,800,000					9,800,000
Barton Campus - Building 104 Renovation	5/12	15,500,000					15,500,000
Barton Campus - Building 102 Renovation and Expansion	6/12	12,800,000					12,800,000
Plan Year 2019 Total		67,600,000					67,600,000
Plan Year 2020							
Benson Campus - Bldg. 302 Addition	7/12				7,042,000		7,042,000
Barton Campus Amphitheater Construction	8/12				1,326,335		1,326,335
Benson Campus Amphitheater Construction	9/12				1,326,335		1,326,335
Plan Year 2020 Total					9,694,670		9,694,670
Plan Year 2021							
Barton Campus - Unity Park Development	10/12				2,409,000		2,409,000
Plan Year 2021 Total					2,409,000		2,409,000
Plan Year 2022							
Northwest Campus - Secondary Entrance Construction and Main Entrance Resurfacing	11/12					1,177,000	1,177,000
Brashier Campus - Fire Training Facility Construction	12/12				4,000,000		4,000,000
Plan Year 2022 Total					4,000,000	1,177,000	5,177,000
Greenville Technical College Total		67,600,000			19,693,170	1,177,000	88,470,170

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Horry-Georgetown Technical College							
Plan Year 2018							
Construction of Advanced Manufacturing Center - Georgetown	1/6	5,000,000			8,500,000		13,500,000
Plan Year 2018 Total		5,000,000			8,500,000		13,500,000
Plan Year 2019							
Renovation of Grand Strand Buildings 100, 200, 300, 600	2/6	15,000,000					15,000,000
Construction of General Purpose Classroom Building - Conway	3/6	30,000,000					30,000,000
Renovation of the Industrial Wing - Conway	4/6	4,000,000					4,000,000
Plan Year 2019 Total		49,000,000					49,000,000
Plan Year 2020							
Construction of General Purpose Classroom Building - Grand Strand	5/6		25,000,000				25,000,000
Plan Year 2020 Total			25,000,000				25,000,000
Plan Year 2021							
Construction of General Purpose Classroom Building - Georgetown	6/6		20,000,000				20,000,000
Plan Year 2021 Total			20,000,000				20,000,000
Horry-Georgetown Technical College Total		54,000,000	45,000,000		8,500,000		107,500,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Midlands Technical College							
Plan Year 2019							
Beltline Campus - Center for QuickJobs Training and Workforce Development	1/2	24,000,000			6,000,000		30,000,000
Airport Campus - Granby Hall Renovation	2/2	6,480,000			1,620,000		8,100,000
Plan Year 2019 Total		30,480,000			7,620,000		38,100,000
Midlands Technical College Total		30,480,000			7,620,000		38,100,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Northeastern Technical College							
Plan Year 2019							
NETC Technology Center - Dillon Campus	1/8	6,000,000			1,500,000		7,500,000
Phase II Renovations - Marlboro County Industry Training Center	2/8	2,500,000		2,000,000	500,000		5,000,000
Facility Maintenance	3/8	2,475,000			125,000		2,600,000
Renovations to NETC Classroom at McBee High School	4/8	375,000			25,000		400,000
Plan Year 2019 Total		11,350,000		2,000,000	2,150,000		15,500,000
Plan Year 2020							
Phase III - Marlboro County Industrial Training Center	5/8	1,200,000		1,800,000			3,000,000
Youth-Apprenticeship Training Center	6/8	2,500,000			1,500,000		4,000,000
Plan Year 2020 Total		3,700,000		1,800,000	1,500,000		7,000,000
Plan Year 2021							
NETC Modernization & Upgrade to Existing Cheraw Campus	7/8	4,000,000					4,000,000
Plan Year 2021 Total		4,000,000					4,000,000
Plan Year 2022							
NETC Modernization & Upgrade to Existing Cheraw Campus	8/8	7,600,000			400,000		8,000,000
Plan Year 2022 Total		7,600,000			400,000		8,000,000
Northeastern Technical College Total		26,650,000		3,800,000	4,050,000		34,500,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Orangeburg-Calhoun Technical College							
Plan Year 2019							
Renovation of Existing Nursing/Health Science Building	1/4	4,000,000					4,000,000
Renovation of Buildings L, M, N	2/4	4,000,000					4,000,000
Building A-J Renovations (HVAC and Electrical Replacements/Upgrades, Other Renovations)	3/4	2,000,000					2,000,000
Advanced Manufacturing Training Facility (either new construction or an addition to existing facility)	4/4	8,000,000			4,000,000		12,000,000
Plan Year 2019 Total		18,000,000			4,000,000		22,000,000
Orangeburg-Calhoun Technical College Total		18,000,000			4,000,000		22,000,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Piedmont Technical College							
Plan Year 2018							
None	0/9						
Plan Year 2018 Total							
Plan Year 2019							
Health Science Nursing Building	1/9	8,800,000			2,200,000		11,000,000
Greenwood Campus Renovations	2/9	5,492,800			1,373,200		6,866,000
Plan Year 2019 Total		14,292,800			3,573,200		17,866,000
Plan Year 2020							
V-Building / Funeral Services/ Crematorium Renovation	3/9	1,144,000			286,000		1,430,000
H, S and G Building Renvation Project	4/9	1,400,000			350,000		1,750,000
C Building Renovations (Conference Building) - Greenwood Campus - Renovate, address deferred maintenance, moisture and structual concerns.	5/9	1,086,800			271,700		1,358,500
Plan Year 2020 Total		3,630,800			907,700		4,538,500
Plan Year 2021							
Renovate Newberry County Campus - training space (lab)	6/9	1,040,000			260,000		1,300,000
Ammonia Training Facility	7/9	2,000,000			500,000		2,500,000
Plan Year 2021 Total		3,040,000			760,000		3,800,000
Plan Year 2022							
PTC Deferred Maintenance Projects - Lex Walters Campus and County Campuses	8/9	2,000,000			500,000		2,500,000
PTC Parking Lot Repair and Upgrade Project	9/9	880,000			220,000		1,100,000
Plan Year 2022 Total		2,880,000			720,000		3,600,000
Piedmont Technical College Total		23,843,600			5,960,900		29,804,500

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Spartanburg Community College							
Plan Year 2019							
Central Campus Academic/Student Services Classroom Building	1/8	25,674,000					25,674,000
SCC Corporate and Community Education (CCE) Renovations	2/8	836,000					836,000
SCC Center for Business & Entrepreneurial Development Expansion Renovations	3/8	2,125,000					2,125,000
Central Campus - Powers Building Renovations (HVAC System, Interior Finish Upgrades, and Roof System).	4/8	2,751,800					2,751,800
SCC Central Campus Property Acquisition	5/8				6,020,000		6,020,000
Plan Year 2019 Total		31,386,800			6,020,000		37,406,800
Plan Year 2020							
Tyger River Campus BMW Center - Automotive Program Relocation/Renovations	6/8	3,925,000					3,925,000
Plan Year 2020 Total		3,925,000					3,925,000
Plan Year 2021							
Tyger River Campus BMW Center - HVAC Program Relocation/Renovations.	7/8	1,063,000					1,063,000
Plan Year 2021 Total		1,063,000					1,063,000
Plan Year 2022							
Central Campus - Ledbetter Building Renovations (HVAC System and Interior Finish Upgrades).	8/8	718,000					718,000
Plan Year 2022 Total		718,000					718,000
Spartanburg Community College Total		37,092,800			6,020,000		43,112,800

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Technical College of the Lowcountry							
Plan Year 2019							
New River Workforce Development Center	1/4	12,500,000					12,500,000
Historic Moor Hall & Bldg 6 Renovation	2/4	2,500,000					2,500,000
Building 16 Interior Renovation	3/4	1,500,000					1,500,000
Plan Year 2019 Total		16,500,000					16,500,000
Plan Year 2021							
Expansion of the Health Sciences Building (Bldg 4)	4/4					7,145,000	7,145,000
Plan Year 2021 Total						7,145,000	7,145,000
Technical College of the Lowcountry Total		16,500,000				7,145,000	23,645,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Tri-County Technical College							
Plan Year 2019							
Pendleton Campus Ruby Hicks Building Renovations	1/6	10,000,000					10,000,000
Pendleton Campus, Industrial Technology Center Automotive Program relocation/expansion	1/6	3,000,000					3,000,000
Pendleton Campus Sandy Springs Training Facility	3/6	4,000,000					4,000,000
Pendleton Campus Fulp Hall Renovation	4/6	1,000,000					1,000,000
Plan Year 2019 Total		18,000,000					18,000,000
Plan Year 2020							
Pendleton Campus Miller Hall	5/6				1,500,000		1,500,000
Pendleton Campus Oconee Hall Stairwell Renovation	6/6				1,000,000		1,000,000
Plan Year 2020 Total					2,500,000		2,500,000
Tri-County Technical College Total		18,000,000			2,500,000		20,500,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Trident Technical College							
Plan Year 2018							
None	0/0						
Plan Year 2018 Total							
Plan Year 2019							
Renovate Berkeley Campus	1/10	25,600,000			6,400,000		32,000,000
Replace Interior HVAC, Industrial and Engineering Technology Building (Bldg. 700/800), Main Campus	2/10	900,000					900,000
Upgrade Underground Electrical System, Main Campus	3/10	1,600,000					1,600,000
Plan Year 2019 Total		28,100,000			6,400,000		34,500,000
Plan Year 2020							
Dorchester County Center for Advanced Studies	4/10	21,000,000			59,000,000		80,000,000
Repave Roadways, Main Campus	5/10	750,000					750,000
Replace Flooring, Industrial and Engineering Technology Building (Bldg. 700/800), Main Campus	6/10				500,000		500,000
Replace Roof, Continuing Education Building, (Bldg. 910) Main Campus	7/10				350,000		350,000
Renovate Restrooms, Palmer Campus	8/10				400,000		400,000
Plan Year 2020 Total		21,750,000			60,250,000		82,000,000
Plan Year 2021							
Replace HVAC, Palmer Campus, West Wing	9/10				1,000,000		1,000,000
Plan Year 2021 Total					1,000,000		1,000,000
Plan Year 2022							
Replace HVAC Air Handling Units, Business Technology Building (Bldg. 200), Main Campus	10/10				1,000,000		1,000,000
Plan Year 2022 Total					1,000,000		1,000,000
Trident Technical College Total		49,850,000			68,650,000		118,500,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Williamsburg Technical College							
Plan Year 2019							
Science and Technology Building	1/2	18,000,000			2,000,000		20,000,000
Weatherazation energy and infrastructure upgrades	2/2	1,250,000					1,250,000
Plan Year 2019 Total		19,250,000			2,000,000		21,250,000
Williamsburg Technical College Total		19,250,000			2,000,000		21,250,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Technical Colleges	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
York Technical College							
Plan Year 2018							
Library Expansion and Learning Commons Construction (Project 6056)	1/5				9,972,925		9,972,925
Plan Year 2018 Total					9,972,925		9,972,925
Plan Year 2019							
Health & Human Services Building	2/5	40,900,000					40,900,000
Renovate K Building	3/5	7,478,640					7,478,640
Renovate Building H	4/5	3,200,984					3,200,984
East Perimeter Rd Terminus & Parking Construction	5/5	2,407,482					2,407,482
Plan Year 2019 Total		53,987,106					53,987,106
York Technical College Total		53,987,106			9,972,925		63,960,031
Technical Colleges Total		581,729,973	60,000,000	5,800,000	152,469,752	8,322,000	808,321,725

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Transportation	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Aeronautics Commission							
Plan Year 2018							
Office Carpeting: Wilder Building	1/3	22,000					22,000
Plan Year 2018 Total		22,000					22,000
Plan Year 2019							
Exterior Painting: Wilder Building & Quonset Hangar	2/3	200,000					200,000
Exterior Windows: Wilder Building	3/3	75,000					75,000
Plan Year 2019 Total		275,000					275,000
Aeronautics Commission Total		297,000					297,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Transportation	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Transportation							
Plan Year 2018							
HQ Building Fire Sprinkler Installation and Waterproofing: Phase 2	1/31				6,500,000		6,500,000
SCDOT HQ Building Guaranteed Energy Savings Contract: Phase 2	2/31		4,200,000				4,200,000
Plan Year 2018 Total			4,200,000		6,500,000		10,700,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Transportation	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Transportation							
Plan Year 2019							
Clarendon County Maintenance Complex Construction	3/31	25,000			8,175,000		8,200,000
Abbeville County Maintenance Salt Shed Construction	4/31				270,000		270,000
Fairfield County Salt Shed Construction	5/31				335,000		335,000
Fairfield County Salt Brine Building Construction	6/31				145,000		145,000
Abbeville County Maintenance Salt Brine Building Construction	7/31				145,000		145,000
Greenwood County Maintenance Salt Shed Addition	8/31				150,000		150,000
Clinton Section Shed Salt Brine Building Construction	9/31				145,000		145,000
McCormick County Maintenance Salt Shed Construction	10/31				270,000		270,000
Anderson County Maintenance Salt Shed Construction	11/31				270,000		270,000
Oconee County Maintenance Salt Shed Construction	12/31				270,000		270,000
Campobello Section Shed Salt Shed Construction	13/31				270,000		270,000
Greenville County Maintenance Salt Brine Building Construction	14/31				145,000		145,000
Greenville County Maintenance Salt Spreader Shed Construction	15/31				335,000		335,000
Pickens County Maintenance Salt Spreader Shed Construction	16/31				335,000		335,000
Chesterfield County Maintenance Salt Brine Building Construction	17/31				145,000		145,000
Horry County Maintenance Salt Shed Construction	18/31				270,000		270,000
Colleton County Maintenance Salt Brine Building Construction	19/31				138,000	7,000	145,000
Aiken County Maintenance Salt Shed Construction	20/31				270,000		270,000
Aiken County Maintenance Salt Brine Building Construction	21/31				145,000		145,000
Plan Year 2019 Total		25,000			12,228,000	7,000	12,260,000

STATE OF SOUTH CAROLINA
COMPREHENSIVE PERMANENT IMPROVEMENT PLAN

Summary of Proposed Permanent Improvement Projects

Transportation	Rank	State	Debt	Federal	Other	Unidentified	Total Sources
Department of Transportation							
Plan Year 2020							
Lexington County Maintenance Complex Construction	22/31	125,000			8,725,000		8,850,000
Charleston County Maintenance Shop Complex Construction	23/31				1,750,000		1,750,000
Georgetown County Maintenance Complex Land Acquisition	24/31				750,000		750,000
Plan Year 2020 Total		125,000			11,225,000		11,350,000
Plan Year 2021							
North Greenville Section Shed Construction	25/31				1,500,000		1,500,000
Dillon County Maintenance Complex Land Acquisition	26/31				550,000		550,000
Georgetown County Maintenance Complex Construction	27/31				8,800,000		8,800,000
Horry County Engineering Office Construction	28/31				2,400,000		2,400,000
Plan Year 2021 Total					13,250,000		13,250,000
Plan Year 2022							
Greenville County Maintenance Engineering Office Renovation/Addition	29/31				2,850,000		2,850,000
Dillon County Maintenance Complex Construction	30/31				8,800,000		8,800,000
Upper York County Section Shed Construction	31/31				550,000		550,000
Plan Year 2022 Total					12,200,000		12,200,000
Department of Transportation Total		150,000	4,200,000		55,403,000	7,000	59,760,000
Transportation Total		447,000	4,200,000		55,403,000	7,000	60,057,000
Grand Total		1,728,646,015	1,106,396,000	243,135,673	979,178,597	47,910,742	4,105,267,027